

19990520.qrp v01_n463.qrl.990520

Date: Thu, 20 May 1999 19:03:18 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1463

QRP-L Digest 1463

Topics covered in this issue include:

- 1) [40841] RE: Internet Online Ordering Caveat
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 2) [40842] Re: List of Shortwave Stations (regen's)
by "Vincent Ferme" <vferme@sprint.ca>
- 3) [40843] Novice 40 Meters
by Chuck Adams <adams@ticnet.com>
- 4) [40844] Re: Novice 40 Meters
by olyellr@iglou.com
- 5) [40845] Re: ICEPAC/VOACAP
by olyellr@iglou.com
- 6) [40846] RE: LINUX (not QRP)
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
- 7) [40847] Re: Novice 40 Meters
by david fouchey <dafouchey@home.com>
- 8) [40848] Look for Sporadic E on 10M
by "James R. Duffey" <jamesd1@flash.net>
- 9) [40849] Re: Novice 40 Meters
by Macstein@aol.com
- 10) [40850] Re: Need Updated 2N2/40 Schematic
by wa8rxi@juno.com
- 11) [40851] Re: Need Updated 2N2/40 Schematic
by Terry Bendell <terryb@bmts.com>
- 12) [40852] I Did It!
by "Charles Hamel" <cdhamel@pdq.net>
- 13) [40853] Wanted: FT37-43 cores
by The Boices <boice@bigfoot.com>
- 14) [40854] Shortwave Listner
by w4qo <w4qo@amsat.org>
- 15) [40855] Informal poll
by wd8civ@att.net
- 16) [40856] Poptronics-Carl & Jerry -72 ohm twinlead
by w4qo <w4qo@amsat.org>
- 17) [40857] Re: Need Updated 2N2/40 Schematic
by david fouchey <dafouchey@home.com>
- 18) [40858] Re:Fireball Help: two C7's??
by Ken Newman <N2CQ@citnet.com>
- 19) [40859] Re: I Did It!

- by Macstein@aol.com
- 20) [40860] Question re: portable power for QRP
by "KQ6XY" <kq6xy@golldrush.com>
- 21) [40861] Re: COMPUTER PROBLEM NOT QRP
by "John Russell" <longjohn@revealed.net>
- 22) [40862] Re: Informal poll
by Jim <w7ls@blarg.net>
- 23) [40863] Re: I Did It!
by Ron Keener <rkeener@realtime.net>
- 24) [40864] On the air again
by Chuck Adams <adams@ticnet.com>
- 25) [40865] Re: Informal poll
by "Marshall Emm" <mgemm@technologies.com>
- 26) [40866] Re: Popular Electronics SWL Stations -Reply
by "Irving" <jbirving@ticon.net>
- 27) [40867] NC20 & 40m AFA's Available
by "Dave Fifield" <fifield@pacbell.net>
- 28) [40868] mobile setup
by tom whalen <wb5qyt@eFortress.com>
- 29) [40869] rig poll...mobile
by tom whalen <wb5qyt@eFortress.com>
- 30) [40870] Remote tuner gizmo
by iapizloj@bicc00.bi.ehu.es (Jon Iza)
- 31) [40871] Texas QSO party -K5GQ/M
by "C. M. Tyler" <k5gq@juno.com>
- 32) [40872] CRYSTAL FILTERS
by "Ian C. Purdie" <purdic@integritynet.com.au>
- 33) [40873] RE: Informal poll
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 34) [40874] SG 2020
by pierce@rice.edu (George F. Pierce)
- 35) [40875] Mobile CW
by RON TODD <k4wz@bellsouth.net>
- 36) [40876] Re: Informal poll
by "Paul Helbert, Wv3j" <phelbert@rica.net>
- 37) [40877] Re: I Did It!
by Brian Murrey <brian@iquest.net>
- 38) [40878] Re: Informal poll
by Wayne Alexander <walexan@ipa.net>
- 39) [40879] More Match Box photos
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 40) [40880] Re: Need Updated 2N2/40 Schematic
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 41) [40881] QRPp Article Corrections
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 42) [40882] Re: QRP VUCC award idea
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
- 43) [40883] Re: Popular Electronics SWL Stations

- by WA5ACF@aol.com
- 44) [40884] QRP display in Atlanta
by "Buck, Preston D" <BuckPD@corning.com>
- 45) [40885] Nova
by wd9eyb@butler.indiana.net
- 46) [40886] RE: Poptronics-Carl & Jerry -72 ohm twinlead
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 47) [40887] Re: Informal poll
by "Steve/n0tu" <n0tu@webaccess.net>
- 48) [40888] Re: June 19 & 20 N5C SES Chaco Canyon
by jaywa5whn@juno.com
- 49) [40889] Late nights on 20m
by Ron Stark <ku7y@dri.edu>
- 50) [40890] Tuner Comparison URL ?
by "James Apple" <wb1dog@hotmail.com>
- 51) [40891] UPS, etc.
by Larry East <w1hue@amsat.org>
- 52) [40892] Re: Informal poll
by Chris Cartwright Sr <ccart@phideaux.com>
- 53) [40893] Informal Poll; question
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 54) [40894] Re: Mounting ICs Manhattan Style?
by Larry East <w1hue@amsat.org>
- 55) [40895] Re: Informal poll
by "Mark Hogan" <mhogan@email.msn.com>
- 56) [40896] OHR-100 Voltages
by "William Phinzy" <k6whp@gte.net>
- 57) [40897] Re: Mounting ICs Manhattan Style?
by Larry East <w1hue@amsat.org>
- 58) [40898] Amateur Radio Demo for Cub Scouts
by Chris Cartwright Sr <ccart@phideaux.com>
- 59) [40899] at least ignorance can be cured...
by wd8civ@att.net
- 60) [40900] Re: Amateur Radio Demo for Cub Scouts
by Bruce Kizerian <kizerian@ced.utah.edu>
- 61) [40901] Re: at least ignorance can be cured...
by Russ Dow <n7dw@garlic.com>
- 62) [40902] P/N needed for Elecraft-preferred solder
by Allan G Taylor <k7gt@qsl.net>
- 63) [40903] Re: Amateur Radio Demo for Cub Scouts
by "Richard Brummer" <obvious@bestweb.net>
- 64) [40904] Re: at least ignorance can be cured...
by Ron Stark <ku7y@dri.edu>
- 65) [40905] Re: at least ignorance can be cured...
by "Richard Brummer" <obvious@bestweb.net>
- 66) [40906] N6KR harmonic arrives!
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 67) [40907] Hint or Kink: Slug tuned Coil Forms

by "Brad Hernlem" <alihernlem@hotmail.com>
68) [40908] N6KR Harmonic's name.
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
69) [40909] Re: N6KR harmonic arrives!
by Chris Cartwright Sr <ccart@phideaux.com>
70) [40910] Re: Amateur Radio Demo for Cub Scouts
by "Ed Manuel (N5EM)" <n5em@flash.net>
71) [40911] RE: Mobile Survey
by WA8GHZ <jdougher@wt.net>
72) [40912] Re: List of Shortwave Stations (regen's)
by Brian Kassel <bkassel@dancris.com>
73) [40913] Re: Amateur Radio Demo for Cub Scouts
by bcutter@teal.csn.net (Bob Cutter)
74) [40914] NC20 Mods
by Larry East <w1hue@amsat.org>
75) [40915] Detecting Geomagnetic Storms
by wd9eyb@butler.indiana.net
76) [40916] Re: Informal poll
by "KQ6XY" <kq6xy@goldrush.com>
77) [40917] Re: at least ignorance can be cured...
by wd8civ@att.net
78) [40918] KG2ED
by "Kenneth W. Evans" <w4du@bellsouth.net>
79) [40919] Re: Mounting ICs Manhattan Style?
by "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
80) [40920] Re: CRYSTAL FILTERS
by neil <neil@aaade.com>
81) [40921] Needed: Tek465/DM44 Manual
by Niel Skousen <skousen@srv.net>
82) [40922] 160 m mobile
by tom whalen <wb5qyt@eFortress.com>
83) [40923] Re: Late nights on 20m
by "Steve Sorrell" <ap036@detroit.freenet.org>
84) [40924] Re: K2 at Rochester?
by "Timothy J. Strong" <kg2no@arrl.net>
85) [40925] Re: Amateur Radio Demo for Cub Scouts
by N7YA@aol.com
86) [40926] W1VT QRP TTF score
by Zack Lau <zlau@arrl.org>
87) [40927] Re: Mobile CW
by Wes Spence <ac5k@ih2000.net>
88) [40928] Speakin of mobile!
by tom whalen <wb5qyt@eFortress.com>
89) [40929] thanks for all of your best wishes....
by Wayne Burdick <n6kr@elecraft.com>
90) [40930] K1EL Keyer - Hidden Jewel!
by Bob Patten <n4bp@bc.seflin.org>
91) [40931] Re: Need Updated 2N2/40 Schematic

by Terry Bendell <terryb@bmts.com>
92) [40932] Re: Speakin of mobile!
by Randy Randall <RANDALLR@Healthall.com>
93) [40933] Re: Speakin of mobile!
by Chris Cartwright Sr <ccart@phideaux.com>
94) [40934] Re: Mobile CW
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
95) [40935] hamsticks..
by sergio <sruiz@bright.net>
96) [40936] Re: at least ignorance can be cured...
by K2UD@aol.com
97) [40937] QRP-L CDs, HamCom, Fry's, etc....
by Chuck Adams <adams@ticnet.com>
98) [40938] Sprat 99
by "Graham Firth" <Graham.Firth@BTinternet.com>
99) [40939] Re: K2 at Rochester?
by K2UD@aol.com
100) [40940] Re:Mobile Setup
by Larry Cahoon <wd3p@juno.com>
101) [40941] Re: Mobile CW
by "Franco, Nicholas J" <franco@bnl.gov>
102) [40942] Re: Speakin of mobile!
by "Richard Brummer" <obvious@bestweb.net>
103) [40943] Ten Tec Pegasus
by "Tom Moll" <tomm@xata.com>
104) [40944] Site to visit
by "Ian C. Purdie" <purdic@integritynet.com.au>
105) [40945] HamCom Prize Update
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
106) [40946] WTB 49er
by w4du@bellsouth.net
107) [40947] Re: hamsticks..
by "Radman" <radman@best.com>
108) [40948] And more HamCom Prizes!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
109) [40949] Re: Speakin of mobile!
by "M. Monninger" <markem@primenet.com>
110) [40950] ant question: looking for moral support
by hamjoel@juno.com
111) [40951] Re: Speakin of mobile!
by Tim Pettibone <tpettibo@NMSU.Edu>

Date: Wed, 19 May 1999 19:06:59 -0400
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40841] RE: Internet Online Ordering Caveat

Message-ID: <01BEA22B.0F7D0EA0@default>

Gang,

The simple rule to follow when placing mail orders with shipping minimums is to stipulate "NO BACKORDERS - NO CANCELATIONS - WITHOUT PRIOR APPROVAL". This gives you the right to refuse any partial shipments or refuse the additional freight charge when the order is completed. Many suppliers will drop the additional freight charge if you agree to allow the initial shipment with the backorder. Either way, you remain in control of the order. Good luck!

72 de n3ysi

Paul in Quakertown, PA

Date: Wed, 19 May 1999 19:08:55 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40842] Re: List of Shortwave Stations (regen's)
Message-ID: <002b01bea24c\$92bb1160\$311005d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For those interested in obtaining an SWL "callsign", CRB Research still maintains an active program.

Point your browser to: <http://www.crbbooks.com/catalog/monitor.htm>

73 de Vince, VE3VFN.

Date: Wed, 19 May 1999 18:40:10 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [40843] Novice 40 Meters
Message-ID: <3.0.3.32.19990519184010.006891e8@pop3.ticnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Last night was a bust due to noise. Let's try the next two nights starting at 0200UTC.

I'll start around 7.112MHz and move up until 7.119MHz. I don't remember a SW BC station at 7.115MHz but there probably is so I'll jump around it if there is one.

Again, 18wpm characters with plenty of spacing for the guys/gals who need the extra time. It will help you quit counting things....

Sorry for the late posting but hey that's what the Internet is for. Those in digest mode will still have tomorrow night to try.....

cu there,

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

Date: Wed, 19 May 1999 20:12:02 -0400
From: olyellr@iglou.com
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [40844] Re: Novice 40 Meters
Message-ID: <3.0.5.32.19990519201202.008bacf0@pop.iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 06:40 PM 5/19/99 -0500, Chuck Adams wrote:

>
>
>Gang,
>
>Last night was a bust due to noise. Let's
>try the next two nights starting at 0200UTC.
>
>I'll start around 7.112MHz and move up until
>7.119MHz. I don't remember a SW BC station
>at 7.115MHz but there probably is so I'll
>jump around it if there is one.

I went there looking for you all about 0300, and it was fairly free of b-cast QRM between abt 7110 up to maybe 7125 or so, here in Ky.....may have been something in between, but hey, that's the novice band....good training that I remember well from not to very long ago..hi!

Good luck and maybe we'll c'yall tonite.
72, Mike

de AF4LQ 99% CW OP
FISTS ARCI QRP-C QRP-L
<http://members.iglou.com/olyellr/>

Date: Wed, 19 May 1999 20:35:07 -0400
From: olyellr@iglou.com
To: henmel@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [40845] Re: ICEPAC/VOACAP
Message-ID: <3.0.5.32.19990519203507.007f5870@pop.iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:36 PM 5/19/99 -0700, Norm Melick wrote:
>I am looking for the Windows 32-bit versions of ICEPAC /
>VOACAP HF propagation software. The only place I could find
>it was http://elbert.its.bldrdoc.gov/hf_old.html, which
>isn't available anymore.
>
>Anybody else have a source to download this software?

Try:

http://elbert.its.bldrdoc.gov/pc_hf/win_voacap.html

GL es 72,
Mike

de AF4LQ 99% CW OP
FISTS ARCI QRP-C QRP-L
<http://members.iglou.com/olyellr/>

Date: Wed, 19 May 1999 08:43:50 -0400
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40846] RE: LINUX (not QRP)
Message-ID: <000801bea1f5\$425552a0\$2a4b9ace@hhurst>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I did a bad thing tonight: walked into Best Buy and found there was a new version of Red Hat Linux (6.0), and also Caldara Linux 2.2.

I can handle vi, C, shells, etc..., but configuring a Linux system for the internet has been *ell here. The closest I got was getting ftp and news working. Didn't have any luck getting Netscape or mail to work after several tries with Red Hat 5.1.

I would really like to look at ANYTHING BUT WINDOWS 95 when I get home from work, and possibly one of the above Linux versions may be my way to enjoy the internet without Bill's software.
Anybody out there try either of these?????

Please reply privately since this is off topic. Thanks.

Ob. QRP -- sort of -- the regen I built from 2 2N3904s and a 2N5485 if perking along just fine. This morning I was able to copy cw nearly as well as I could on the superhet. That ain't bad for a \$2 radio.

Date: Wed, 19 May 1999 20:41:40 -0400
From: david fouchey <dafouchey@home.com>
To: olyellr@iglou.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40847] Re: Novice 40 Meters
Message-ID: <37435A44.E41BCBDC@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Noise was horrendous here last night, might have had something to do with lingering thunderstorms..;-)

40 meters was my favorite band when I was a novice, lo those many years ago, 75 watts max., rock controlled.... the one and only crystal I owned was for 7.194 (when the novice band was 7.1-7.2 megacycles..<G>) stuck right between VOA and Radio Moscow at the height of the Vietnam war... ah those were the days..

Dave

WA4EMR Ex. WN8AXG/WB8AXG

0

olyellr@iglou.com wrote:

>

> At 06:40 PM 5/19/99 -0500, Chuck Adams wrote:

> >

> >

> >Gang,

> >

> >Last night was a bust due to noise. Let's

> >try the next two nights starting at 0200UTC.

> >

> >I'll start around 7.112MHz and move up until

> >7.119MHz. I don't remember a SW BC station

> >at 7.115MHz but there probably is so I'll

> >jump around it if there is one.

>

> I went there looking for you all about 0300, and it was fairly free of

> b-cast QRM between abt 7110 up to maybe 7125 or so, here in Ky.....may

> have been something in between, but hey, that's the novice band....good

> training that I remember well from not to very long ago..hi!

>

> Good luck and maybe we'll c'yall tonite.

> 72, Mike

>

> -----

> de AF4LQ 99% CW OP

> FISTS ARCI QRP-C QRP-L

> <http://members.iglou.com/olyellr/>

Date: Wed, 19 May 1999 18:51:38 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [40848] Look for Sporadic E on 10M
Message-ID: <199905200050.TAA17183@centurion.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Now through August is the traditional Sporadic E season. During this period the bands from 20 to 200 MHz will open for short skip. The skip is a result of the E layer becoming ionized and reflecting our radio signals. The origins of E skip are not well known, and the openings can last from minutes to hours.

Signals are usually loud with little path absorption. Sporadic E is the bread and butter propagation mode for 6 M, but it is also useful on 10 M and 15 M. With the increase in the solar flux the importance of sporadic on the high frequency bands is diminished, but nothing can beat E skip for working those close in states.

In my experience QRPers underutilize 10 M sporadic E. I have monitored the calling frequency when the band is open and heard littel activity. I have called CQ for hours on end during an opening and not received a reply, except from locals (WB5QYT and WA5WHN usually).

So give a listen on 10 M early in the morning and from about 1500 local to 2300 local, although openings can occur any time. The beacons between 28.200 and 28.300 will give a good indication of where open to and when the band is open. If you hear a beacon go down to the QRP calling frequency and give a listen or call CQ. You can also monitor 28.345, the 10-10 callingfrequency for an indication of band openings. The FM repeaters above 28.5 MHz are a lot of fun when the band is open.

Give Sporadic E a try. You will enjoy it. - Dr. Megacycle KK6MC/5

Date: Wed, 19 May 1999 21:03:10 EDT
From: Macstein@aol.com
To: adams@ticnet.com, qrp-1@lehigh.edu
Subject: [40849] Re: Novice 40 Meters
Message-ID: <f3376440.2474b94e@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/19/99 6:52:20 PM EST, adams@ticnet.com writes:

> Gang,
>
> Last night was a bust due to noise. Let's
> try the next two nights starting at 0200UTC.

I was there, but most of the contacts were toward the North off the end of my dipole! I thought for sure I would be able to hear Chuck. Nope.

> I'll start around 7.112MHz and move up until
> 7.119MHz. I don't remember a SW BC station
> at 7.115MHz but there probably is so I'll
> jump around it if there is one.

I have one CONSISTANTLY on 7.115 at 0200z. But I can sometimes rit/DSP thru it.

> Sorry for the late posting but hey that's what
> the Internet is for. Those in digest mode
> will still have tomorrow night to try.....
>
> cu there,

Sounds like it may even get crowded! Outstanding!

-MAC-
KF4KSM

Date: Thu, 20 May 1999 01:25:22 -0400
From: wa8rxi@juno.com
To: wong_th@eng.printronic.com
Cc: qrp-1@Lehigh.EDU
Subject: [40850] Re: Need Updated 2N2/40 Schematic
Message-ID: <19990520.013938.-140657.0.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tedd,

How about:

<http://www.fix.net/norcal.html> for Preston Douglas', WJ2V version
-or-

<http://members.tripod.com/k8iqy> for Jim Kortge's info...

72 es GL

Rick - WA8RXI Taylor, MI.

Blue, Orange, Green, Brown, Slate!

White, Red, Black, Yellow, Violet, Mate!

=====

On Wed, 19 May 1999 13:01:28 -0700 (PDT) Theodore Wong

<wong_th@eng.printronix.com> writes:

>Hello,

>

>I would like to know where to find the most up-to-date schematic of

>K8IQY's

>2N2/40 rig. I think he has a web site but don't have the URL. Thanks

>in advance.

>

>Tedd AB6CO

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>

or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 May 1999 10:31:34 +500

From: Terry Bendell <terryb@bmts.com>

To: <wa8rxi@juno.com>

Cc: <qrp-1@Lehigh.EDU>

Subject: [40851] Re: Need Updated 2N2/40 Schematic

Message-ID: <199905200232.WAA21631@Alice.BMTS.Com>

MIME-Version: 1.0

On 1999-05-20 wa8rxi@juno.com said:

>Blue, Orange, Green, Brown, Slate!

>White, Red, Black, Yellow, Violet, Mate!

Ahhh, an old telephone splicer from way back?

Been many a year since I have found myself crouching in a manhole
with a pair of AMP splicers in my hands! Don't miss it at all!

73

Terry

terryb@bmts.com

Net-Tamer V 1.11.2 - Test Drive

Date: Wed, 19 May 1999 09:41:04 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [40852] I Did It!
Message-ID: <004f01bea205\$a2093080\$e8e390d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well I finally did it, Thanks to all the great people on here that have put up with all my beyond basic questions, (and probaly more will be coming hi hi) but I have made my first QRP contact on 40 meters, in fact it was my first contact since 1993. and no doubt it was with one of the members of Qrp1 and for the big finish my first contact was a 2 way QRP. WOW Thanks to Mac KF4KSM. Thanks Mac
Well Florida down and 49 more to go for WAS. hihi
Well back to the radio
Honestly Thank you all, especially Mike
72
Charles
KC5DXQ - Norcal Zombie - HQRP-#1919

Date: Wed, 19 May 1999 21:42:19 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [40853] Wanted: FT37-43 cores
Message-ID: <3.0.6.32.19990519214219.009284a0@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have a couple spare FT37-43 cores they're willing to sell? I need one for a little project, and figured I may as well get 2 while I'm at it. This isn't enough to justify an order from one of the regular vendors, so I thought I'd ask here first. Besides, this is probably quicker.

Please reply direct.

73,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576

Date: Wed, 19 May 1999 23:01:27 -0400
From: w4qo <w4qo@amsat.org>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40854] Shortwave Listner
Message-ID: <37437B06.4C093917@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was WPE9DB (I think!!) Wonder who has the original list??? It's probably in somebodies file cabinet somewhere.... :)

--
Jim Stafford, W4QO 770-993-9500 VP - QRPARCI #6615
11395 West Road 770-993-8932 fax Mgr - W4WOW SciTrek
Roswell, GA 30075 w4qo@amsat.org Dir- RadioActive Schools
DBA/Stafford Enterprises/By Jimeny SCF
<http://www.america.net/~w4qo>

Date: Thu, 20 May 1999 03:05:10 +0000
From: wd8civ@att.net
To: qrp-l@lehigh.edu (QRP-L Mailing List)
Subject: [40855] Informal poll
Message-ID: <19990520030514.DAJL18962@webmail.worldnet.att.net>

I've seen several people here mention operating CW mobile. Care to describe your "station" equipment?

Thanks!

--

Dave Hinerman WD8CIV

Date: Wed, 19 May 1999 23:09:52 -0400
From: w4qo <w4qo@amsat.org>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40856] Poptronics-Carl & Jerry -72 ohm twinlead
Message-ID: <37437CFF.F57439FB@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

All this WPE talk.. I picked up 5 copies of early sixties PE at Dayton and all had Carl and Jerry stories in them. Still as much fun to read as when I was 16!!!

This does have link to QRP. Back then, I ran 40 watts to a hundred feet of 72 ohm TWINLEAD, so I was probably getting maybe 10 watts out on 40M.. Still worked ZS and VK... Still amazes me to this day.... :)

--

Jim Stafford, W4QO	770-993-9500	VP - QRPARCI #6615
11395 West Road	770-993-8932 fax	Mgr - W4WOW SciTrek
Roswell, GA 30075	w4qo@amsat.org	Dir- RadioActive Schools
DBA/Stafford Enterprises/By Jimeny SCF		
http://www.america.net/~w4qo		

Date: Wed, 19 May 1999 23:09:37 -0400
From: david fouchey <dafouchey@home.com>
To: terryb@bmts.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40857] Re: Need Updated 2N2/40 Schematic
Message-ID: <37437CF1.F14DB3EB@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got a dozen 100 pair cables to terminate on a MDF want to volunteer?

Dave
WA4EMR

Terry Bendell wrote:

>
> On 1999-05-20 wa8rxi@juno.com said:
>
> >Blue, Orange, Green, Brown, Slate!
> >White, Red, Black, Yellow, Violet, Mate!
>
> Ahhh, an old telephone splicer from way back?
> Been many a year since I have found myself crouching in a manhole
> with a pair of AMP splicers in my hands! Don't miss it at all!
>
> 73
>
> Terry
>
> terryb@bmts.com
>
> Net-Tamer V 1.11.2 - Test Drive

Date: Wed, 19 May 1999 23:58:23 -0400
From: Ken Newman <N2CQ@citnet.com>
To: <sslyon@worldnet.att.net>
Cc: njqrp@njqrp.org, QRP-L@lehigh.edu
Subject: [40858] Re:Fireball Help: two C7's??
Message-ID: <3.0.6.32.19990519235823.008bedf0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

'Seab" sez....

Date: Tue, 18 May 1999 23:46:13 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [40766] Fireball Help: two C7's??
Message-ID: <37423405.9AE04DB5@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Too much late-nite fog to figure this... the errata sheets and originals show two C7's. I suspect the .1 on coll. base of Q2 is correct and the other one is actually C16, a 47pf to the T-R, right? The sheets are really blurred and hard to read. Will try the web pg. info but concerned re what level mods are presented.

I haven't been following the thread... so may be missing a lot.

Suggestions for LATEST INFO? thanks

-s-

--

'Seab' Lyon - AA1MY

Beacon NY USA FN-31

QRP-L 574 ARCI 9253

Hi Seab,

Looks like you may have an out of date version. The current kit is Rev.

B. Check your board and look for "Rev. B" on it.

The rev B manual can be downloaded at:

http://www.njqrp.org/fireball40/rev_b/fb40b_manual.pdf

I am sure you have the Adobe Acrobat s/w to handle it but if you need a hard copy I'll send you one.

I'm looking foreward to see you on Fireball Run I on Sunday afternoon!

72/73 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

~~~NJ QRP Club Home Page ~~~

<http://www.NJQRP.org>

~~~Club Callsign~~~

WQ2RP

Date: Thu, 20 May 1999 00:06:30 EDT
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Cc: cdhamel@pdq.net
Subject: [40859] Re: I Did It!
Message-ID: <b9465569.2474e446@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

cdhamel wrote:

>Well I finally did it, Thanks to all the great people on here that have put
>up with all my beyond basic questions, (and probaly more will be coming hi
>hi) but I have made my first QRP contact on 40 meters, in fact it was my
>first contact since 1993. and no doubt it was with one of the members of
>Qrp1 and for the big finish my first contact was a 2 way QRP. WOW Thanks to
>Mac KF4KSM. Thanks Mac

-snip-

Folks, I think ol' Charles was sandbagging us! He zipped along 8-10 wpm
throwing that SW40+ 1 watt into Florida 559-579. Super steady fist, very
easy to copy through the S7 noise -- and it says a lot that he could copy MY
CW (as many of YOU know!)

Congrats Charles., It was a real honor to be your entry QSO into QRP and back
into the hobby on CW.

Maybe he will be a N/T+ Fox for us?!?!?!

-MAC-
KF4KSM

Date: Wed, 19 May 1999 21:27:29 -0700
From: "KQ6XY" <kq6xy@golldrush.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [40860] Question re: portable power for QRP
Message-ID: <02cd01bea279\$127c2160\$05a9abce@golldrush.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am planning to backpack my QRP equipment and since I have never done this, I was wondering what type of portable power would be recommended. i.e. 8xD-cells, etc. I have heard of "Gel" batteries, but I don't know anything about them.

Thanks and 73,
--Larry

<http://www.tusoni.com> kq6xy@golldrush.com
"Cross country skiing is great if you live in a small country." - Steve Wright

Date: Thu, 20 May 1999 00:13:58 -0500
From: "John Russell" <longjohn@revealed.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40861] Re: COMPUTER PROBLEM NOT QRP
Message-ID: <005e01bea27f\$919a2fe0\$1fe310d0@longjohn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sounds to me like you have a driver problem with the modem. I'm not sure what brand of modem is in your machine but I would be willing to bet it is a 56k "Winmodem" with the infamous Rockwell chipset in it. most of the modems with the Rockwell chipset have had new drivers recently released so I would suggest that you obtain and install the latest modem drivers for your computer as the Rockwell drivers are notorious for lockup and other problems.

----- Original Message -----

From: DONALD G. DORN <DDORN@CWIS.NET>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 19, 1999 6:17 AM
Subject: COMPUTER PROBLEM NOT QRP

I am using a Compaq 2240, Windows 95, and Netscape. Often when I click to disconnect the modem the system locks up and I have to turn it off and reboot. Anybody else ever have that problem? Is there a fix? I have looked on the Compaq website BB and didn't see anything related.

73, Don K5AAR Lake Eufaula, Ok

Date: Wed, 19 May 1999 22:33:31 -0700
From: Jim <w7ls@blarg.net>
To: wd8civ@att.net, qrp-1@lehigh.edu
Subject: [40862] Re: Informal poll
Message-ID: <37439EAB.4A82E5FA@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sure. I use a Small Wonder Labs SW-80 and a SW-40 with a Hamstick. For a key, I use a J-37 leg key or if I get fancy, a J-37 leg strap with a Nye keyer paddle attached and a KC-1 keyer/freq readout module. I usually run 1 watt.

Works for me! 73 de Jim, W7LS

wd8civ@att.net wrote:

> I've seen several people here mention operating CW
> mobile. Care to describe your "station" equipment?
>
> Thanks!
>
> --
> Dave Hinerman WD8CIV

Date: Thu, 20 May 1999 01:17:20 -0500
From: Ron Keener <rkeener@realtime.net>
To: Macstein@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40863] Re: I Did It!
Message-ID: <3743A8F0.3310@realtime.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hey Mac - way to go! - another first contact for you!

for those of you who dont know Mac 'goes searching' in the novice band for first time contacts then he sends a nice printed certificate to the person - great idea for all of us to think about

Mac - I was listening to you earlier tonight while I was catching up on email - I was copying much of your QSO on 7111 in my head while I was reading email - says something for your fist when I can do two things at once - and your signal was a steady Q5 in Texas

--

ron keener near Austin, Texas <http://MidAmericaBreedingTech.com>

★

★ Amateur radio station WA0REE

Date: Thu, 20 May 1999 01:41:57 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [40864] On the air again
Message-ID: <3.0.3.32.19990520014157.0068f104@pop3.ticnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Worked a couple of guys on 7.118 or so. Short skip to Waco TX and Houston TX....

About 0550UTC I took the DSW-40 off the antenna and fired up the trusty NN1G GM-30 on 30 meters. This after logging onto the Internet to check the solar flux. It's hanging in the mid-100s still and the A-Index was coming back down to a reasonable level. It wasn't that long ago when we couldn't just get immediate results of such a survey.... :-)

I'm tuning across 30 meters and I hear a 589 signal with some QSB calling CQ. So I give him a call one time and he gives me a QRZ and works me and gives me a 549. I'll take it at 0.95W and his being a ZL2!! :-)

Second time in 4 years that I have worked a ZL2 late

nite hours. Got the QSL to prove it and another on the way..... So don't give up on 30M when 20 has closed down. I got my KH6 at 3:00am local the same way. No, you don't need to keep crazy hours but it does help. Read "The Complete DX'er" 2nd Edition by Bob Locher, W9KNI, and the after that read it again. Everytime I learn something new or confirm the information therein with such experiences as the above. This is a wonderful hobby if you just find the things that make you happy.....

Also, if you think a band is dead be sure to listen to the noise level(s) and maybe just maybe you outta call CQ 'cuz there are probably a hundred other people worldwide tuning across listening for a faint signal on the band(s). After many weeks on a particular band you learn to sense when the noise level has the right characteristics and after a couple of years you learn the seasonal variations also. Then after about 20 years you get through a couple of sunspot cycles and you learn even more.

Now if the KL7's would just listen.... :-) ; -)
Kidding gang, just kidding. 15 months to go on this one.

FYI es dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

Date: Thu, 20 May 1999 00:44:59 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: wd8civ@att.net, qrp-1@lehigh.edu
Subject: [40865] Re: Informal poll
Message-ID: <199905200644.AAA10004@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Not sure if replies were meant to go to the list, but what the heck...

I use a Yaesu FT757GXII on a homemade platform where the transmission hump used to be in "real" cars. The rig is held on the platform by a bungee cord, and the paddle (a Nye SSK with PK-2 keyer built into it) is tucked under the bungee cord, on top of the rig, right where my hand falls with my arm on the arm rest.

Antenna wise I use Hustlers-- have had very good results with them. Mines mounted on the left rear quarter panel. Ham-sticks seem to be a bit subject to near-field objects, and anything else poses a wind-resistance problem at highway speeds. QRP CW is quite do-able, but I don't feel any remorse at cranking the power up when I need to [g].

By the way, the rig is set up so I can pull it out of the car and set it on a card table next to the car without having to disconnect anything-- for more comfortable portable operation.

73

Marshall Emm

N1FN/VK5FN

n1fn@MorseX.com

Morse Express and Oak Hills Research

"Everything for the Morse Enthusiast"

<http://www.MorseX.com>

<http://www.ohr.com>

(303)752-3382

--

Date: Thu, 20 May 1999 01:14:27 -0500

From: "Irving" <jbirving@ticon.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [40866] Re: Popular Electronics SWL Stations -Reply

Message-ID: <01bea288\$03a8d200\$f0462e9c@jbirving.ticon.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Richard E. Robinson <rerobins@email.uncc.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Wednesday, May 19, 1999 12:56 PM

Subject: Re: Popular Electronics SWL Stations -Reply

>I am still WPE4FYX. I'll bet there are lots of us on qrp-l.

>
Started out as SWL with WPE9NP in the very early '60's with a Hallicrafters
S-38 and later an S-85! It took me a long time to get my license...now
holding KB9JFK.

72

Jim Irving KB9JFK
Franklin, WI
B

Date: Thu, 20 May 1999 02:11:12 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <gqrp@onelist.com>
Subject: [40867] NC20 & 40m AFA's Available
Message-ID: <000701bea2a0\$b4f56240\$0db865d8@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have had quite a bit of interest in the 40m AFA. Both this and the standard
20m
version are available as spares now. Cost is \$6.00 each (20m or 40m version).

To save a lot of emailing back and forth, here are some of the other popular
parts prices: 2N5457 FET = \$0.36 each, J310 FET = \$0.38 each,
L78L08ACZ = \$0.32 each. These prices match the best around. Ask me for
spares prices on any of the other bits you might need.

Packaging and shipping is \$1.00 (up to 10 parts) to US/Canada, \$2.00 rest
of world. Personal checks or money orders only please, in US Dollars, made
payable to Red Hot Radio. Send orders to:

Red Hot Radio (Spares)
1717 Andover Lane
San Jose
CA 95124
USA

Don't forget to include your mailing address!

72, Dave Fifield, AD6A

<http://www.redhotradio.com>

Date: Thu, 20 May 1999 02:27:12 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40868] mobile setup
Message-ID: <3743C760.6863@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave, I use the IC 706 with the Hustler Whip.

72, Tom WB5QYT..." Have spud will travel!"

Date: Thu, 20 May 1999 02:32:43 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40869] rig poll...mobile
Message-ID: <3743C8AB.626C@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave, forgot to mention the keyer is a Whiterook paddle with the Tick 1 chip set. All mounted on a mini clip board. Under the paddle I keep a piece of scratch paper to write down the fellows call, name, qth etc...My sidetone is very loud and have had a few folks give me strange look! Heck, what's a little cw among boom boom boxes anyway!! 72, Tom

Date: Thu, 20 May 1999 11:56:48 +0200
From: iapizloj@bicc00.bi.ehu.es (Jon Iza)
To: qrp-1@lehigh.edu
Cc: iapizloj@bicc00.bi.ehu.es
Subject: [40870] Remote tuner gizmo
Message-ID: <9905200956.AA25010@bicc00.bi.ehu.es>

Folks,

For instance, place a remote tuner near the antenna. Usually at QRP levels the variable capacitors can be easily driven by the motor-pot ensemble. Applying 3-12V turns the cap in one direction, reversing the wires for the other direction. And the pot? Just a good pointer for feedback about the position of the pot/motor/cap... Just food for thought.

P.S. I did use one of those pots/motor, made by ALPS, that I got from a surplus source in the UK with great success.

I have been very fortunate to have worked some of the foxes from the mobile (without the amplifier and with reduced power). I was in the auto at the right time. I did not leave home just to go work them!

If I hear more cw stations I will definately be on cw more of the time.
For 40M, unfortunately, my bugcatcher is tuned for 7.020 10
Would many would work me there?

THE TEXAS QSO PARTY - 1999
K5GQ/M - OPERATION PLAN

```

Operation Times:  Start  May 22  Sat   2000Z.....
                  End    May 23           0500Z.....
                  Start  May 23           1300Z.....

```

End May 23
when we get back home or contest ends.

Band Plan: 20 Meters (14.225 to 14.250) while stateside band conditions hold.

20 Meters (14.050 10)
40 Meters (7.240 to 7.260) Antenna resonant band
width

Equipment: Yeasu FT 900 Transceiver
Ameritron Linear Amplifier running 300 Watts
Bugcatcher - by WA5UHT (City electronics Houston)
Bencher (fixtured to prevent accidents) :-)
Super CMOS III keyer

County Route in working order:

Harris
Waller
Austin
Grimes
Washington
Brazos
Burleson
Roberton (sp?)
Milam
Williamson
Travis
Lee
Bastrop
Hays
Guadalupe
Gonzales
Dewitt
Lauaca
Colorado
Wharton
Ft. Bend
Harris

Hope to work you!

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or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 May 1999 20:15:27 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40872] CRYSTAL FILTERS
Message-ID: <3743E0BF.19F76CB0@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

If this is duplicated my apologies. The mailer threw a spasm.

Does anyone have access to a copy of the methods outlined by Zverev in
his "Handbook of Filter Synthesis" as applicable to crystal filters?.
Broad question I know.

Any suitable software around?.

cul

Ian

Date: Thu, 20 May 1999 06:41:35 -0400
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'wd8civ@att.net'" <wd8civ@att.net>
Cc: "'qrp-l'" <qrp-l@lehigh.EDU>
Subject: [40873] RE: Informal poll
Message-ID: <01BEA28B.F2C36C80@default>

Dave,

QRP mobile for me is an Emtech NW40 with a Buzz-Not mod installed fed to
an old, borrowed, and excellent Webster antenna with a big fat inductor in
it's mid section all installed in a full size Dodge van. For keying I have
a TICK2 in a separate enclosure and use a Brass Racer. I made an armrest
extender with a nonskid pad attached to hold the paddle in place. I find
the whole setup works OK but I still have some ignition noise.
Never-the-less, I've had a ball with the setup and I urge anyone to go
ahead and try it. If for no other reason, you can monitor the W1AW

bulletins to and from work and polish up your "in-head" receiving.
72 de n3ysi
Paul in Quakertown, PA

Date: Thu, 20 May 1999 05:19:38 -0500
From: pierce@rice.edu (George F. Pierce)
To: qrp-l@lehigh.edu
Subject: [40874] SG 2020
Message-ID: <v0151010fb369915d07f0@[128.42.176.84]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A lot of people ask me about my SG2020. My reply to one:

I like my 2020 but I do very little CW. I plan to do RTTY and Pactor but havn't tried it yet. You hear a lot of negative comments and comparisons especially in the QRP community. Do you want the smallest, highest performing, lowest current drawing rig on the market? Forget the 2020.

Do you want a rig that performs "REAL GOOD", that you can parachute into a disaster area, and if attacked by a large bear you can klunck him in the head with the 2020, and after skinning the bear you can return the rig to service? If so then the 2020 is your only choice!

George F. Pierce III
WA5ABS M0BOD
Email: pierce@rice.edu

Date: Thu, 20 May 1999 07:20:54 -0400
From: RON TODD <k4wz@bellsouth.net>
To: QRP POST <qrp-l@Lehigh.EDU>
Subject: [40875] Mobile CW
Message-ID: <3743F016.761FEF6F@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am just learning to copy cw in my head, got a long way to go. But I use the FT-900 with two Outbacker antennas one set for 40m and one for 20m. I dont like to get out to change taps.

Ron Atlanta,Ga

Date: Thu, 20 May 1999 07:26:10 -0400
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: wd8civ@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40876] Re: Informal poll
Message-ID: <3743F152.AA0B6612@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mobile as simple as possible:

I run old Volvo 240 series vehicles (1975-1989).
Heavy gage wire (fused) run through firewall.
Ten Tec 555 Scout mounted under dash by my left knee (using TT mobile mount). This radio chosen for simplicity of operation.
NorCal paddles resting (slightly wedged) on junk shelf above (factory) radio cluster.
RG-58 coax to inside trunk.
Variable matching cap inside trunk at base of antenna.
Mono band hamstick type antenna on rear quarter panel with ball mount.

This works for casual use (I mostly just listen while driving). The key position is a bit of a reach and the arm is not supported, but it works of now. A knee strap mount might be better.

I have used Don Johnson type screwdriver antennas in the past, but have not figured out a really satisfactory mounting scheme for such a big antenna. I will not mount an antenna low via bumper or frame. I caused flex failure in the roof of a Toyota station wagon years ago even though the screwdriver antenna (mounted at rear of roof above tailgate dome light access hole) was guyed to a front roof rack. I keep thinking about reinforcing the roof metal which might require removal of the head-liner. I'd like to see input from others on this.

Paul, Wv3j

Date: Thu, 20 May 1999 06:36:12 -0500
From: Brian Murrey <brian@iquest.net>
To: cdhamel@pdq.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40877] Re: I Did It!
Message-ID: <3743F3AB.32D200F5@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Welcome back Charles!

Yeah, that Mac will work anyone, he's not picky, heck he even worked me again last night. The guy really needs to work on his standards. <HIHIHI> KF4KSM is about one of the finest ops you'll run into on 40m, no disrespect for the rest of QRP-L but Mac is just a gem.

I need 11 cards and 8 more states, been at it about 8 months....so if you need an Indiana contact just get out there and yell. I usually hang out on the Novice band between 8 to 10pm and then move down to the General portion of 40 when the gong gong music starts.

72 de KB9BVN

Charles Hamel wrote:

> Well I finally did it, Thanks to all the great people on here that have put
> up with all my beyond basic questions, (and probaly more will be coming hi
> hi) but I have made my first QRP contact on 40 meters, in fact it was my
> first contact since 1993. and no doubt it was with one of the members of
> Qrp-l and for the big finish my first contact was a 2 way QRP. WOW Thanks to
> Mac KF4KSM. Thanks Mac
> Well Florida down and 49 more to go for WAS. hihi
> Well back to the radio
> Honestly Thank you all, especially Mike
> 72
> Charles
> KC5DXQ - Norcal Zombie - HQRP-#1919

--

=====

KB9BVN: Norcal 40A - 1.8W - Attic Dipole
FISTS: 5695 NORCAL: 2792 QRP-L: 1540 ARRL
QTH: Central Indiana, GRID: EM69WN
=====

Date: Thu, 20 May 1999 07:00:16 -0500
From: Wayne Alexander <walexan@ipa.net>
To: wd8civ@att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40878] Re: Informal poll
Message-ID: <4.1.19990520065710.009309c0@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I use a FT900 and Outbacker Perth with Bencher paddles. Have a great time with Mobile CW. Have The Remote head of the radio on a Cell phone stand. Love it. Maybe I could work some of you sometime. Have a great day.

73,
N=D8EA
Wayne
Willard, MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Thu, 20 May 1999 08:08:38 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, antennas@qth.net, antennaware@contesting.com
Subject: [40879] More Match Box photos
Message-ID: <Pine.GSO.4.10.9905200806130.1217-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to Jan Axing, SM5GNN, I have been able to add a pair of rear panel photos of the Johnson Match Box to the Link Coupler item above the tutorial on the main index. They might be useful to those who encounter modified units or units with the labeling scratched off.

-73-

LB, W4RNL

| | | | | | | | | | |
|--|-----|----|---|---|------|-------|-------|-------|----------------|
| L. B. Cebik, W4RNL | /\ | /\ | * | / | / | / | (Off) | (423) | 974-7215 |
| 1434 High Mesa Drive | / | \ | \ | \ | ---- | /\--- | (Hm) | (423) | 938-6335 |
| Knoxville, Tennessee | /\ | \ | \ | \ | / | / | | (FAX) | (423) 974-3509 |
| 37938-4443 | USA | / | \ | \ | \ | \ | | | cebik@utk.edu |
| URL: http://web.utk.edu/~cebik/radio.html | | | | | | | | | |

Date: Wed, 19 May 1999 17:43:11 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: wong_th@eng.printronic.com
Cc: qrp-1@lehigh.edu
Subject: [40880] Re: Need Updated 2N2/40 Schematic
Message-ID: <3.0.1.32.19990519174311.006da194@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 01:01 PM 5/19/99 -0700, Tedd AB6C0 wrote:

>Hello,

>

>I would like to know where to find the most up-to-date schematic of K8IQY's
>2N2/40 rig. I think he has a web site but don't have the URL. Thanks in
advance.

>

>

Tedd....the latest schematics are here: <http://members.tripod.com/k8iqy/>

along with pictures of both the prototype and rig build for the QRPp
article.

There are some minor errors in the QRPp article also that snuck
in. Here are the corrections:

Page 23 - T1 and T2 details; toroids used are T37-2, not FT37-2
as shown.

Page 25 - There is a missing pad and parts between the emitter of
Q6 and output (pin 4) of T4. The required emitter resistor
is 47 ohms (R65), paralleled by 0.2uF (C18). An alternative
is to use a 1N4148 (1N914) diode in place of R20 (3.3K) and
change R21 (47K) to a lower value. Steve Weber, KD1JV found

that a 6.8K worked well. My modelling of this method suggests a value of 2.2K to be about optimum. I'll do some additional modelling later tonight to verify the optimum value.

Page 35 - T12 and T13 details; toroids used are T37-2, not FT37-2 as shown.

Page 37 - L6 and L7 details; toroids used are T37-2, not FT37-2 as shown.

That's all I have at the moment. Happy building folks.....

Jim, K8IQY

Date: Thu, 20 May 1999 08:14:32 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [40881] QRPp Article Corrections
Message-ID: <3.0.1.32.19990520081432.006e0c2c@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang....one more correction that I forgot in the other post.

Page 23 - Lead 4 from transformer T1 is missing in the pictorial drawing. That lead goes to the pad between C1 and C2. Without that connection, no signals will get to the input of the receiver.

Sorry I missed getting this error into the earlier update.

72 and happy building to all.....Jim, K8IQY

Date: Thu, 20 May 1999 08:28:14 -0500
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: zlau@arrl.org, qrp-l@lehigh.edu

Subject: [40882] Re: QRP VUCC award idea
Message-ID: <37440DED.69502019@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good thoughts Zack - -

I personally would, in some manner, give a penalty for six-meters. Many six-meter operators never run anything but QRP, and do very well. For instance, when I was active on six several years ago, I never ran more than 10 W PEP, and easily got VUCC and 30 states confirmed at the poorest time of the sunspot cycle. Now two-meters and above would be more of a challenge.

BTW, I operated six and two-meter beacons here in Dallas for many years. Several times I heard the W1AW six-meter beacon booming into North Texas but never raised a soul in Connecticut to work. With no published number for W1AW I couldn't even call to get them on the air either.

Oh, well.

Brad, W5CGH

Date: Thu, 20 May 1999 08:56:03 EDT
From: WA5ACF@aol.com
To: ctrask@primenet.com, qrp-1@lehigh.edu
Subject: [40883] Re: Popular Electronics SWL Stations
Message-ID: <6fd0fbb7.24756063@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This is amazing, I am WPE5BFS/WDX5BFS. Started with a S-38, lead to my getting my Novice in 1961 and the age of 15.

Regards, WA5ACF QRP#6267

Date: Thu, 20 May 1999 09:04:10 -0400
From: "Buck, Preston D" <BuckPD@corning.com>

To: qrp-1@Lehigh.EDU
Subject: [40884] QRP display in Atlanta
Message-ID: <62C28BE46356D2118F5D0000F8CD13F101137C73@SILVER.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Greeting all,

I have been travelling a lot for work lately. I was in Dallas yesterday and Atlanta today. I tried to make Frye's Electronics in Dallas but didn't have time, so last night when I got to Atlanta, I figured I would find Tech America. I want to buy a magnifying visor before I get my K2. In the wilds of upstate New York, electronics stores are an endangered species.

Tech America isn't in the phone book and directory information wasn't helpful so I decided to head for the hotel. The porsche parked next to my car had a ham radio license plate, so I identified myself and asked for directions. He didn't know. Oh well. As I was backing out, he jumped out of his car and flagged me down. He remembered the general area of the store, only a few miles away. So off I went.

When I pulled in, I saw many cars with antennas. Hmm. As I wandered the store looking around (and trying to decide if I wanted to buy the parts for the 2N2/40 or not), I saw a room of people. The clerk said it was some amateur radio meeting or something like that. I poked my nose in the door and saw a lady with a black widow fishing pole. Then I saw what looked like, yes, a K2!!! Oh, NERDVANA. There is QRP stuff going on here!

W4DU had just finished a QRP presentation to the local DX club. He had lots of goodies to look at: the K2, a Sierra, a 40-9er, rainbow tuner and a couple of paddle sets. The folks there were chatting so I went up and played with the K2. W4DU said that Elecraft should be shipping this week. Oh joy. I didn't stay long but it did make my day.

Tech America had the credit card Alinco 440MHz radios (DJ-C4) on sale for \$60 (from \$180) and that was too good to pass up. I also got a Vectronics preamplifier kit for 440MHz as well. I am thinking 2m/440MHz satellites. There were also a couple of W1FB books that I got too. I think with these last two I have completed my collection of W1FB ham related books. Oh, I did get the magnifiers after all. Then I went to go see Star Wars, but it wasn't showing at the theater near the hotel. That would have made the day complete.

Other QRP stuff:

I finished the Rainbow tuner kit. It went together easily and works FB. Instead of putting a switch between tune and operate, I just put in two RCA

connectors. The output are submini headphone jacks, one for the antenna and one for ground. 66ft of 28ga hook-up wire in stealth black serves as the antenna and 33ft for a counterpoise. I use a pack of AA batteries to power the SW40 and the it all makes for a small, light setup with a plastic straight key.

I took the setup with me on vacation to Missouri last month. It worked great. I didn't make any contacts because my operating time was limited during the day and nonexistent in the evening.

While in southern MO, I went to Bass Pro Shop to buy a Black Widow fishing pole for a SLV. Is this portable operation thing obvious? I also bought a "Crappie Rigging Bag" specifically for the K2. It has room to put an inch of padding all the way around, it is water-resistant (nothing is water proof), has an inside zipper pocket useful for cables and 5x8 logbooks, and it has two zippered pockets on the outside that are suitable for antennas, counterpoises, batterypacks, straight key etc. The inside pocket has a clear cover so you can see what you are looking for. It also has a strap and a handle and is made from a sturdy material. All this for \$9!! What a deal.

While visiting my father-in-law, I finished my NorCal paddle kit. He is the "Master Of Mechanics" and has all the metal working tools. The brass polished up real fast (Army experience helped) and the steel took some work. The parts went together really well and I didn't need to adjust the bearings at all. I primed the base the painted it a royal blue color that really brings out the shine from the brass and plastic. The first coat of blue dried really well but the second coat got messed up as I was doing some touch up. So I must strip off the paint and try again. Then I must figure out how to use it since I have never used a keyer and paddle.

Drill was last weekend and I don't have any work related travel next week so perhaps I will be able to get on the radio a bit. Look for me in the sprint on the 30th of May.

73,
Preston, n0g1m, Southern NY State

My words, not my employers.

Date: Thu, 20 May 1999 08:06:17 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-l@lehigh.edu (QRP List)
Subject: [40885] Nova
Message-ID: <199905201306.IAA08196@butler.indiana.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anybody use this?
<http://www.nova2002.com/>
Is it any good?

Thanks,

Jim, WD9EYB

Date: Thu, 20 May 1999 09:20:45 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <w4qo@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40886] RE: Poptronics-Carl & Jerry -72 ohm twinlead
Message-ID: <000201bea2c3\$9192ec00\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

..ah yes, Carl and Jerry. I'd forgotten all about that! Thanks for reminding me about those wonderful articles that were so inspirational to me as a kid electroniker in the late 1950s.

-- AI2Q, Alex in Kennebunk, Maine, QRP-L 687

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> w4qo
> Sent: Wednesday, May 19, 1999 11:10 PM
> To: Low Power Amateur Radio Discussion
> Subject: Poptronics-Carl & Jerry -72 ohm twinlead
>
>
> All this WPE talk.. I picked up 5 copies of early sixties PE at Dayton
> and all had Carl and Jerry stories in them. Still as much fun to read
> as when I was 16!!!
>
> This does have link to QRP. Back then, I ran 40 watts to a hundred feet
> of 72 ohm TWINLEAD, so I was probably getting maybe 10 watts out on

> 40M.. Still worked ZS and VK... Still amazes me to this day.... :)
>
> --
> Jim Stafford, W4Q0 770-993-9500 VP - QRPARCI #6615
> 11395 West Road 770-993-8932 fax Mgr - W4WOW SciTrek
> Roswell, GA 30075 w4qo@amsat.org Dir- RadioActive Schools
> DBA/Stafford Enterprises/By Jimeny SCF
> <http://www.america.net/~w4qo>
>
>
>

Date: Thu, 20 May 1999 07:37:07 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [40887] Re: Informal poll
Message-ID: <004d01bea2c5\$e85fc4c0\$93a8a3cc@S&P.www.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Rig: SST/20m@ 2w (soon to be NC20) and a GQ40 for 40m @5w.
Ant: an "ugly"(xyl) homebrew Bug Catcher w/taps
 -- quad magmount on the center of the roof of a Tarius wagon.
ATU: ZM-2 to flatten out the impedances
Keyer: home brew curtis w/island memory. a memory keyer is a must for
/m!
Paddle: Paddlette w/velcro leg strap. works great!
Some ignition noise but if I can hear 'em I can work'em.
Been using this setup for over a year now about 1hr a day driving back
and
for to work ! It has REALLY helped on my code speed!
In some respects it's more fun than fixed station operating!
30 states and 10 countries and lots FUN Qs and good listening!

WARNING: Make sure your equipment and setup is anchored good
and ergonomically correct for max driving safety!!
No SK's from CW/m please!

Steve/n0tu/cw/qrp/m

Date: Thu, 20 May 1999 07:55:24 -0600
From: jaywa5whn@juno.com
To: na5n@rt66.com
Cc: qrp-1@Lehigh.EDU
Subject: [40888] Re: June 19 & 20 N5C SES Chaco Canyon
Message-ID: <19990520.075530.-151157.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Uh, Paul can you loan me a set of love beads? ;-)

Amazing group, lots of questions;

1. Chaco is open to the public, but access to some of the sites is restricted.
2. One of the Park Rangers is an Amateur Astronomer, they have a small observatory on site.
3. The NASA ancient road photos; that's old Pueblo Alto where they all converge.
4. This is not a club, just a few of us who like the vistas & playing with little radios.
5. The campground is open to the public {WARNING: lots of local QRN & QRM}
6. 146.94 repeater {-600 kHz, no pl} on Mt. Taylor covers that area.
7. Very few trees {bring your SLVs or SLXs}
8. Standard NM warnings; watch out for drunk drivers, scorpions, rattlesnakes & hanta virus.

Off to finish up my desert ratt regen & standby for the "Howlie Crafter"

72...Jay, WA5WHN DM65qd Albuquerque, NM USA

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 May 1999 07:07:50 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40889] Late nights on 20m
Message-ID: <Pine.SOL.3.96.990520070311.3582C-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

To give another example of what Chuck said about 30m, be sure to check 20m well after you think it's "dead".

Worked TA3DD last night at about 0330z. Lots and lots of DX on and all were loud. At 100w I was hearing my own "echo" using QSK!

If you have a directional antenna be sure to check Long Path. Often when you are hearing echo on a DX station it is because the sig coming LP takes a little longer to get here and makes the echo. This indicates that the better path is LP or 180 degs from what the books show.

There is lots of good DX to be had LP....

Enjoy,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 20 May 1999 07:13:50 PDT
From: "James Apple" <wb1dog@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [40890] Tuner Comparison URL ?
Message-ID: <19990520141350.95532.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

I know I have seen a site that has a list of tuners and the efficiency of each.

I have searched and searched have not found it.

Any help would be great.

Thanks

- Jim (WB1DOG)

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Thu, 20 May 1999 08:18:30 -0600
From: Larry East <wlhue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [40891] UPS, etc.
Message-ID: <3.0.3.32.19990520081830.00944ec0@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post:

>

>If you have a bulky heavy item, UPS generally beats USPS. UPS also
>includes \$100 insurance at no extra charge. I've heard stories both ways
>about this, and I don't know how efficient they are at processing claims.

>

About two years ago I shipped a package through an "independent" via UPS and it was lost. I paid for \$200 worth of insurance and am still waiting to collect. UPS says the problem is with the shipper and the shipper says it is UPS... Since then, I've cut out the "middle man" and taken packages directly to the UPS office here in town or to the good 'ol post office. I agree that UPS has the best rates for large items. USPS is good for smaller stuff.

Now back to QRP...

Date: Thu, 20 May 1999 10:25:08 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: wd8civ@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40892] Re: Informal poll
Message-ID: <Pine.LNX.4.04.9905201014310.11589-1000000@dns.phideaux.com>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 20 May 1999 wd8civ@att.net wrote:

> I've seen several people here mention operating CW
> mobile. Care to describe your "station" equipment?

Chevy Suburban (counterposius maximus), a DX70T, Island Keyer, and whiterook paddle attached to a clipboard on the console. SWR/watt meter to a DK3 screwdriver. Also a Knwd 742A for the "close-in" stuff:) QRV on 80 thru 70cm /M (yes even 220) anyone have any *practical* antenna ideas for 160 mobile?

And L.B., yes I was listening on Thursday, but "other half of the antenna maximus" just doesn't quite have the same ring to it...

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 20 May 1999 14:25:41 -0000
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40893] Informal Poll; question
Message-ID: <000201bea2cc\$a3b615c0\$0100000a@accurate-main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have just completed this mobile installation. Consists of a homebrew hump platform in a '92 Ford F150 Pickup, Yaesu FT707, Hamstick(s), and a Vibroplex Brass Racer w/built-in keyer. The 707 will power down to near zero watts but I must say, mobile QRP is a bit austere for me.

Question; I'm having a heck of a time getting the 40M Hamstick to resonant lower than 7.200. Anyone else experiencing this problem?

Roger A. McCarty ARS KD6CC So. Calif.

<http://www.qsl.net/kd6cc>
<http://www.qsl.net/kr6lp>
Qrp-L #1555 KR6LP #1

Date: Thu, 20 May 1999 08:30:30 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [40894] Re: Mounting ICs Manhattan Style?
Message-ID: <3.0.3.32.19990520083030.00943620@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I don't know if anybody mentioned this, but I've often simply glued the IC
>to the copperclad upside down and used the pins in the air as terminals and
>short pieces of lead wire to connect the pins that are grounded to the
>ground plane.

>
That's commonly known as "Dead Bug Style". :-)

I still don't know what "Manhattan Style" is...

Date: Thu, 20 May 1999 09:31:36 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40895] Re: Informal poll
Message-ID: <010a01bea2cd\$b7b12d70\$6ae60181@mhoganws>

Dave

I use a NC-20 to the little mfj qrp tuner to a 102" SS whip mounted mid way on the bed of my F150 ext cab long bed pickup. Use a NC paddle with that rig. For 40 I use the SST40 and a Schurr Mini-key. I've not made many contacts but listen a lot. NC20 drives the ext speaker nicely, but the sst...I use a motorola earpiece off of a MTS2000 ht.

Thinking of upgrading to the hustler system. I think the short fold over will still allow me to get in the garage. My regular car has lights and a siren so this is an after hours or weekend rig. I cant figure out how to get an antenna on the car and not look like I stepped back into the low band world, were 800mhz here :)

Oh well cw and fast running probrobly are not meant for each other.

Mark Hogan / N50BC

Date: Thu, 20 May 1999 07:53:25 -0700
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [40896] OHR-100 Voltages
Message-ID: <000801bea2d0\$843f70c0\$68ab2599@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Has anyone recorded the voltages for a properly working OHR-100 (for 40 meters)? I am going to troubleshoot a friend's rig and don't have that information (yet) at hand. Actually, I am being lazy -- trying to avoid doing mine if this body of information already existed.

In any event, check this space later for my results to be posted..

Date: Thu, 20 May 1999 08:55:37 -0600
From: Larry East <w1hue@amsat.org>
To: "Richard Brummer" <obvious@bestweb.net>
Cc: qrp-l@lehigh.edu
Subject: [40897] Re: Mounting ICs Manhattan Style?
Message-ID: <3.0.3.32.19990520085537.00945040@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:52 AM 5/20/99 -0400, you wrote:
>>That's commonly known as "Dead Bug Style". :-)
>>
>>I still don't know what "Manhattan Style" is...
>>

>Larry,
>
>I knew it as "Dead Bug Style," but I'm told that the two terms are
>synonymous.
>
Well, I got that impression, but I've never seen the term "Manhattan Style"
used before ... must be a New York thing! :-) :-)

72, L.

Date: Thu, 20 May 1999 11:19:46 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40898] Amateur Radio Demo for Cub Scouts
Message-ID: <Pine.LNX.4.04.9905201108500.11589-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

This is short notice, but... I'm going camping this weekend with my
ten year old (he's looking forward sleeping on rocks, sticks, and such,
and I have an air mattress:) and about 40-60 other kids from 6-12 years
old. I'm dragging along an IC735, fan dipole and tuner, and will probably
(icccch) QRO on SSB. Any advice to get them interested? Although most
kids I've talked to rally seem to like that "code stuff". Especially when
you tell them then can learn it more easily than their parents!

I have a brochure from the ARRL web page, but don't want to force feed
them on QRP or the League, just get them interested and let them talk on
the radio a bit. I'll do some CW for them and would like to give them the
"Intro 101 to CW/QRP", while at the same time letting them know they can
get an entry level license without code. This is nothing formal, not
planned in advance, just me playing radio and hoping to keep a few kids
from poking each others eyes out with hot sticks from the camp fire :)

tnx es 72

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 20 May 1999 15:13:06 +0000
From: wd8civ@att.net
To: qrp-1@lehigh.edu (QRP-L Mailing List)
Subject: [40899] at least ignorance can be cured...
Message-ID: <19990520151523.ESBN5133@webmail.worldnet.att.net>

I've never used a keyer before - just a straight key for the half-dozen or so CW contacts in my life. But I'd like to try. However, I need to know something before I heat up my soldering iron...

Which paddle is the dit, and which is the dah? Assuming right-handed sending, what is the convention? My gut feeling (based on zero experience) is thumb for dah, and index finger for dit.

--
Dave Hinerman WD8CIV

Date: Thu, 20 May 1999 09:31:58 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: ccart@phideaux.com, qrp-1@Lehigh.EDU
Subject: [40900] Re: Amateur Radio Demo for Cub Scouts
Message-ID: <37442AEE.1F1B8876@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chris Cartwright Sr wrote:

> I have a brochure from the ARRL web page, but don't want to force feed
> them on QRP or the League, just get them interested and let them talk on
> the radio a bit.

Wish I wasn't so slow. In a month (or two) my ElmerRadio kit will be ready. It is intended to be an entry level introduction to radio. The circuit is a simplified version of Kitchin's original circuit published in EDN in 1994. Initially it will be configured as a AM broadcast band receiver with the potential for upgrades to other bands. The box and label were described in my post about ultra cheap labels and enclosures. I hope to distribute the kits at cost to clubs, scout groups, etc. Stay tuned...

Bruce kk7zz

Date: Thu, 20 May 1999 08:35:07 -0700
From: Russ Dow <n7dw@garlic.com>
To: wd8civ@att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40901] Re: at least ignorance can be cured...
Message-ID: <37442BAB.C1724F8D@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Assumind right-handed operation, the thumb makes the dots and the index finger makes the dashes. Semiautomatic keys (bugs) were also set up this way, at least the ones I used and the others I saw in those days. Dashes were made with a sort of rocking motion of the hand -- this would be awkward using the thumb.

72,

Russ N7DW

wd8civ@att.net wrote:

> I've never used a keyer before - just a straight key for
> the half-dozen or so CW contacts in my life. But I'd like
> to try. However, I need to know something before I heat
> up my soldering iron...
>
> Which paddle is the dit, and which is the dah? Assuming
> right-handed sending, what is the convention? My gut
> feeling (based on zero experience) is thumb for dah, and
> index finger for dit.
>
> --
> Dave Hinerman WD8CIV

Date: Thu, 20 May 1999 08:38:59 -0700

From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@lehigh.edu
Subject: [40902] P/N needed for Elecraft-preferred solder
Message-ID: <37442C93.659B@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Two future (but not T00 future) K2 builders would like to acquire the recommended solder for use on our Elecraft K2 kits BEFORE they arrive. Could someone share with us the part number or description of this solder ? We have R/S and Fry's readily available or could do our own group buy from Mouser or DigiKey.

--

```

                                     |
                                   //|
                                  /  |
                                | /Z | \
                                /| /599| \
                               /_ | /____|__ \_
...QRO, QRP, or barefoot..... [ \-----/
~~~~~
```

Date: Thu, 20 May 1999 11:45:46 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: <ccart@phideaux.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40903] Re: Amateur Radio Demo for Cub Scouts
Message-ID: <004101bea2d7\$d65f7100\$1606b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chris,

Good going ! Seems like you're taking some steps to catch 'em early.

Bring along a 2-meter rig or HT. It might be a good place to start off, or fall back on if, for some reason, you are not successful with HF.

First time I did a demo for kids around age six or so, I pre-arranged for some activity on our local 2-meter repeater. Once things got going in my

daughters first-grade class, two of the "comedians" on the repeater and went into a Sesame Street routine, and had the kids rolling !

My daughter, now a 20-year-old college junior, became KB2KIV at age 11.

73 and Good Luck,
Dick K2REB

Date: Thu, 20 May 1999 08:44:47 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: wd8civ@att.net
Cc: QRP-L <qrp-l@Lehigh.EDU>
Subject: [40904] Re: at least ignorance can be cured...
Message-ID: <Pine.SOL.3.96.990520083749.4237E-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave,

Dit and dah paddles can be whatever you want but....

The "convention" comes from the days when people used bugs. A right handed bug makes dits with the thumb while the dah's were (are) done with the finger.

This transfers to a keyer as dits with the left (thumb) paddle and dah's with the right (finger) paddle.

For left hand it's still thumb dits but now the side's are reversed.

But like I say, that's just the "norm" and a lot of people do it the other way around.

I'd suggest starting with the "normal" and if you just can't get it that way go ahead and do it the other way.

But you are just learning....it should be just as easy to learn one was as the other.

Getting used to what 90% use makes it better if you ever try to use someone else's keyer, like on Field Day or in one of the contests and etc.

Hope this helps,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 20 May 1999 11:49:51 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: <wd8civ@att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40905] Re: at least ignorance can be cured...
Message-ID: <004601bea2d8\$6649c9a0\$1606b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave,

"Convention" says thumb for dits, index for dahs.....BUT if you
don't feel comfortable that way, change it. After all, you're the one who
will be sending with it.

73,
Dick K2REB

Date: Thu, 20 May 1999 08:58:19 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: QRP-L <qrp-1@lehigh.edu>
Subject: [40906] N6KR harmonic arrives!
Message-ID: <3744311B.D9F6340D@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wayne, N6KR, called yesterday with the good news. Wayne and Lillian's new
daughter (their first) was born 8:30 AM 5/19 at 6 lbs, 10 oz. Both mother
and daughter are healthy and happy. (The father is a bit frazzled...)

Congratulations can be sent to n6kr@elecraft.com

No news on what the newborn's callsign is....

72, Eric WA6HHQ
<http://www.elecraft.com>

Date: Thu, 20 May 1999 08:57:59 PDT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [40907] Hint or Kink: Slug tuned Coil Forms
Message-ID: <19990520155759.67735.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

Over the years I seem to have accumulated a fair number of loose slugs with no mating coil forms. For a long time I have trying to find a good material to use for forms and put these slugs to use. While all slugs are not alike, the ones I have are primarily 1/4" in diameter and have 28 threads to the inch. They will not fit into a 1/4-28 hole unless it is bored out for clearance (about 15/64").

I have found that 5 mL polystyrene disposable serological pipettes are perfect for this purpose. See an example photo at:

http://www.fisherinc.com/fb/itv?16..nc.3.art_13.384..2.9.

The inside diameter of these pipets are just under 1/4" dia. A 1/4-28 (NF) tap is used to cut threads for the slug. The material is rigid and, best of all, made of RF friendly polystyrene. A single pipet has enough material to make a half dozen or more forms.

Brad

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Thu, 20 May 1999 09:03:43 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40908] N6KR Harmonic's name.
Message-ID: <3744325F.CFE3365B@elecraft.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Oops! I forgot to mention that Wayne's new child is a girl. They have named her Marissa.

72, Eric

Date: Thu, 20 May 1999 12:08:14 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40909] Re: N6KR harmonic arrives!
Message-ID: <Pine.LNX.4.04.9905201207430.11589-100000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 20 May 1999, Eric Swartz - Elecraft, WA6HHQ wrote:

> No news on what the newborn's callsign is....

Just a guess... K2KID :)

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 20 May 1999 10:56:55 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: ccart@phideaux.com
Cc: qrp-l@lehigh.edu
Subject: [40910] Re: Amateur Radio Demo for Cub Scouts
Message-ID: <4.1.19990520104946.00a4d8e0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Chris,

I did a little Cub Scout operating. It depends on the group. You might find a few that think that "code stuff" is neat, but generally, I find that

the attention span of a Cub is too short. If they can hear someone talking and identify where they are and can talk back to them, that can get them more interested. I agree that your plan for QRO SSB is best. My main experience with this is the annual Jamboree on the Air. Now, if you have a little QRP CW rig you might have some of them interested in the "cool" factor - small, tiny, put it in your back pack.

Today, with the drop in prices and increase in utility of the Family Radio Service, I would expect more and more of them to show up with little FRS handhelds. Pretty soon now, Cub Scout campout planning will include the particular channel and tone for the families to program into their FRS radios.

Just think. A few years ago you let a Cub Scout out of your sight on a campout and all *ell broke loose. Now, they may have GPS and a radio and may lead YOU back to camp.

Ed, N5EM

At 11:19 AM 5/20/99 -0400, you wrote:

>Gang,

>

>This is short notice, but... I'm going camping this weekend with my
>ten year old (he's looking forward sleeping on rocks, sticks, and such,
>and I have an air mattress:) and about 40-60 other kids from 6-12 years
>old. I'm dragging along an IC735, fan dipole and tuner, and will probably
>(icccch) QRO on SSB. Any advice to get them interested? Although most
>kids I've talked to rally seem to like that "code stuff". Especially when
>you tell them then can learn it more easily than their parents!

>

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>them on QRP or the League, just get them interested and let them talk on
>the radio a bit. I'll do some CW for them and would like to give them the
>"Intro 101 to CW/QRP", while at the same time letting them know they can
>get an entry level license without code. This is nothing formal, not
>planned in advance, just me playing radio and hoping to keep a few kids
>from poking each others eyes out with hot sticks from the camp fire :)

>

>

>tnx es 72

>

>-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --

>-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --

>-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

>

>

Date: Thu, 20 May 1999 16:04:39 +0100
From: WA8GHZ <jdougher@wt.net>
To: ham_QRP-1 <qrp-1@lehigh.edu>
Subject: [40911] RE: Mobile Survey
Message-ID: <37442487.DA156A4F@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For mobile ops, I use either Emtech40 for QRP levels at times, or IC-706 (with outboard 400W amp for QRO levels) depending on mood. Tend to go QRP in winter and all

year for QRP contests, QRO in summer to match commute times propagation. Best /mQRP results for me are 40 meters early in winter mornings.

Best antennae results for me are Hustler coils, then bugcatcher, then Hamsticks. For price, can't beat hamsticks, but the slobber connection in them keeps breaking about every 2 weeks when the top hits trees and flexes the joint. Bugcatcher sure is nice to have multiple bands in one

antler. I drive a GMC pickup truck and keep multiple Hustler coils in the truck-bed tool box. Definitely notice better results and wider bandwidth with the hight power versions of the Hustler coils, and would recommend buyin,g them regardless of QRO or QRP levels. Would like to try a screwdriver ant. but they take up too much room for my garage setup.

For key, I sure like my Kent iambic paddles. Have had it in the truck for 2-years now, and NEVER EVER had to make a single adjustment. This unit is solid as a rock.

For antenna mounting, prefer having a 6-inch spring in the lashup to take some of the abuse from parking garage roofs, trees, etc. I ke ep a

bungee cord handy and just pull down on the spring mount and bungee/tie down the antenna when going into garages; takes about 10 seconds.

For logging: best sollution is to use a DRY-ERASE magic marker thing on the side window. They wipe right off, but lowering your window, like for paying a toll, can wipe them off also, so don't lower in middle of a

Q. I typically "window-log" call, name, qth. Then, transfer to a

"yellow sticky" at a stop light when I can look down, etc. and transfer from the yellow sticky to home computer at night.

Mobile CW took about 2 weeks to get comfy with. It is a great way to build speed because you just gotta do "head copy".

I started with just a 3-point mag mount and a Hustler stick. It worked and is a cheap entry point to try and see if you like it. Good luck and see you on the road.

BTW. look for me doing 2-days of mobile CW in TX QSO party this weekend. Making a "run for the border" travelling counties from Houston

to LosEbanos on the border and back up. Will be QRO in this one, though.

GL es 73,
WA8GHZ /5 /Jack /Houston

Date: Thu, 20 May 1999 08:18:05 -0700
From: Brian Kassel <bkassel@dancris.com>
To: na5n@rt66.com, QRP-L@lehigh.edu
Subject: [40912] Re: List of Shortwave Stations (regen's)
Message-ID: <374427AD.AD0626C9@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul and other WPE call recipients:

I still REMEMBER mine, and even have the certificate up on he wall.. WPE3BCQ, my first call sign of any type. I was 16, proud, and an avid SWL. I had a "phono oscillator" set up with a friend a block away (now AA5TA). We "QSO'd" on frequencies that were between between the upper BC band and 160M with milliwatts of AM and MCW. We even had a bicycle mobile using a 3V4 tube fed with a 67.5 volt battery for the plates, and a couple of D cells for the filament. We used the WPE call sign. Little did any of us know how those childhood experiences would determine our professional lives for years to come.

I can remember that stuff, it's just where I put mt glasses, or what I was supposed to do 30 seconds ago that gives me fits...err, now what was I talking about???? Man, YOU guys are getting old!

;))

Brian W5VB0

Date: Thu, 20 May 1999 10:24:15 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: ccart@phideaux.com
Cc: qrp-1@LEHIGH.EDU
Subject: [40913] Re: Amateur Radio Demo for Cub Scouts
Message-ID: <199905201624.KAA11640@mailrelay3.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I did a similar outing and the real hit was a code practice ocs. on which I taught each of them to send their name. They were sending their names all weekend, "dah dit dit dit", etc. They really seemed to be turned on by the "secret" aspect of CW. Talking on a radio is no big deal to these kids, they have all seen or used cell phones but the idea of a "code" really turned them on.

Just my experiences.

72, Bob KI0G

Date: Thu, 20 May 1999 10:45:04 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [40914] NC20 Mods
Message-ID: <3.0.3.32.19990520104504.00959e20@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I now have available a writeup of the following NC20 mods that I have made:

- "Double regulation" of VCO voltage.
- Supply independance of AGC voltage.
- Volume control independence of TiCK/AFA tones.

I won't post it to the list because it is rather long (about four pages).
Send me email if you would like a copy (I have already sent to those
requesting info on the "double regulation" mod).

72, Larry W1HUE/7

Date: Thu, 20 May 1999 11:54:06 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-l@lehigh.edu (QRP List)
Subject: [40915] Detecting Geomagnetic Storms
Message-ID: <199905201654.LAA19237@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

At the VHF/UHF forum at Dayton on Saturday I heard an excellent presentation
by K1-something-something-something (I wished my memory worked) about
detecting magnetic storms. Since WWV updates stuff only every 3 hours,
you might miss the start of it by up to 3 hours. If you have your own
detector you can be on top of it.

There was an article in Sky and Telescope a few years ago about making
a Jam Jar Magnetometer. The presenter's son built one for a science fair.
It worked really well. He took the idea farther and got an electronic
sensor and hooked it to his computer. He used a DATAQ strip chart recording
program to plot the data. He could see the affect of his wife driving
away in her van in the data! It also nicely plotted geomagnetic storms.

Anyway, he said there's an article coming up in QST about it soon.
I will be looking for it.

Jim, WD9EYB

P.S. I was also WPE-something back in the 60's when I was a kid.
I wished my memory worked.

Date: Thu, 20 May 1999 10:08:11 -0700
From: "KQ6XY" <kq6xy@goldrush.com>
To: <wd8civ@att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40916] Re: Informal poll

Message-ID: <034b01bea2e3\$57073a80\$05a9abce@goldrush.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I operate mobile in my GMC Sierra Pickup truck using an Icom 706MKIIG, a "High Sierra" screwdriver antenna (see my url below), and a Paddlette BP keyer strapped to my leg. I installed an extra deep cycle marine battery in the truck and have isolated it when my ignition is off, so I won't discharge the normal truck battery. I have also strapped the Icom to the front of the console with a large velcro strap, so that I can remove it and use it elsewhere. This installation has worked out well for me. The antenna is mounted to my trailer hitch via a brackett from High Sierra.

73,

--Larry

----- Original Message -----

From: <wd8civ@att.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, May 19, 1999 8:05 PM

Subject: Informal poll

>I've seen several people here mention operating CW
>mobile. Care to describe your "station" equipment?

>

>Thanks!

>

>--

>Dave Hinerman WD8CIV

>

Date: Thu, 20 May 1999 17:07:55 +0000

From: wd8civ@att.net

To: qrp-l@lehigh.edu (QRP-L Mailing List)

Subject: [40917] Re: at least ignorance can be cured...

Message-ID: <19990520170801.GFMD5133@webmail.worldnet.att.net>

> This transfers to a keyer as dits with the left (thumb)

> paddle and dah's with the right (finger) paddle.

>
> For left hand it's still thumb dits but now the side's
> are reversed.
>
> But like I say, that's just the "norm" and a lot of
people
> do it the other way around.
>
> I'd suggest starting with the "normal" and if you just
> can't get it that way go ahead and do it the other way.
>
> But you are just learning....it should be just as easy
> to learn one was as the other.

Ron (and everyone else who responded):

Thanks. This is what I was looking for - trying to "get
it right" the first time. Now if I can just un-learn how
to type, so I can go back and do it right this time...

--

Dave Hinerman WD8CIV

Date: Thu, 20 May 1999 13:21:53 -0400
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [40918] KG2ED
Message-ID: <374444B1.494940B8@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry for the bandwidth, but am having trouble locating KG2ED. Please
e-mail me as I have something you left at Dayton.

Ken
W4DU

Date: Thu, 20 May 1999 10:28:01 -0700
From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
To: <w1hue@amsat.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [40919] Re: Mounting ICs Manhattan Style?
Message-ID: <199905201722.KAA12590@newspaper.cwi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>From what I can tell by reading the literature, Manhattan Style
and Dead Bug are totally different.

Dead bug uses a copper clad board with all leads to ground soldered
to the board. All other leaders are soldered directly together in the
air (ie, components turned upside down with their leads soldered directly
together. The components being upside down give the "dead bug" look.

Manhattan Style uses a copper clad board for ground, but it uses
small sections of copper clad boards super glued to the main board
for connection points. No components go in upside down, and no leads
need to be soldered directly to the leads of other components. You
just solder them to a common pad. I have not tried Manhattan Style
yet, but it sure looks easy! Look at any of the great 2N2/40
pages like:

<http://hometown.aol.com/pdouglass12/page/index.htm>

For a much better description.

73

Barry - AD6HR

> From: Larry East <wlhue@amsat.org>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Re: Mounting ICs Manhattan Style?
> Date: Thursday, May 20, 1999 7:30 AM
>
> >I don't know if anybody mentioned this, but I've often simply glued the
IC
> >to the copperclad upside down and used the pins in the air as terminals
and
> >short pieces of lead wire to connect the pins that are grounded to the
> >ground plane.
> >
> That's commonly known as "Dead Bug Style". :-)
>
> I still don't know what "Manhattan Style" is...
>

Date: Thu, 20 May 1999 10:24:01 -0700
From: neil <neil@aade.com>
To: purdic@integritynet.com.au
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40920] Re: CRYSTAL FILTERS
Message-ID: <37444531.C8EC0706@aade.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check out
<http://www.aade.com/filter.htm>
it will design crystal filters.

--
Neil
<http://www.aade.com>
<mailto:neil@aade.com>
Almost All Digital Electronics
1412 Elm St. SE
Auburn, WA 98092
253-351-9316

Date: Thu, 20 May 1999 11:31:37 -0600
From: Niel Skousen <skousen@srv.net>
To: qrp-1@lehigh.edu
Subject: [40921] Needed: Tek465/DM44 Manual
Message-ID: <4.1.19990520112939.009c3b00@if.sciencetech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I recently aquired a 465/DM44 in working condition, but have some questions.
Anyone have a Tek465/DM44 manual, or know where I can get a copy ?? I
don't need the whole manual, just a few selected pieces and some questions...

TNX Niel

Date: Thu, 20 May 1999 10:46:26 -0600

From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40922] 160 m mobile
Message-ID: <37443C62.5620@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chris Cartwright and Gang!

Have been on 160 meter mobile a few times, and have always made contacts. Takes a lot of coil to get on "Top Band".
I made my own coil using 4" pvc as the form. The coil dimensions are as follows.

Dia...4" pvc
Coil form length...13"
Coil length...9"
Turns...85
Used # 14 wire dia spacing.

With the above coil I used a 102 inch whip and a 3' long base section

Also made a 2' dia capacity hat that sat just above the coil which really helps the efficiency. One note about the capacity hat. I used 3/32" brass welding rods which work just fine. My first attemp using them produced nice blue corona bursts everytime I keyed up! That does not help the efficiency one bit, but sure looked neat at night going down the road! I cured that by soldering a BB to the ends of the rods and thus eliminating the sharp ends. These capacity hats can do some damage as I found out. Had one of my capacity had rods get too close to my fiberglass camper shell and melted a hole right thru it! No, I was not using QRP that day!!

72, Tom WB5QYT..." Have spud will travel!"

Date: Thu, 20 May 1999 17:39:32 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40923] Re: Late nights on 20m
Message-ID: <006d01bea2df\$7b919de0\$c742b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Ron is right, lotsa dx out there. Also worked the TA5DD last nite and this morn, worked a UA9 and 8J1ITU with the TenTec Argo 515 at 4 watts. Good stuff out there, all you gotta do is look and be crafty, heh heh.
72 de Steve, W8SFF

Date: Thu, 20 May 1999 13:51:00 -0400
From: "Timothy J. Strong" <kg2no@arrl.net>
To: dhinerman@rochester.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40924] Re: K2 at Rochester?
Message-ID: <37444B84.30B0FA35@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

David Hinerman wrote:

>
> Don't know about the K2, but I'm hoping to go. (FWIW) Since I
> don't live in driving distance of Dayton any more, it'll have
> to do. (sniff)

Hi Dave,

I will be at the Rochester Hamfest with my K2. If you and anyone else on QRP-L are interested, please email me privately and we can arrange a time to meet. I am planning on being there Friday afternoon (noon until 5pm) and Saturday (9am until 5 or 6pm).

> Seriously, though - are there any organized QRP meetings,
> events, etc. planned for the Rochester hamfest?

As far as I know, there are not any organized QRP activities.

73,

--

-Tim
tstrong@nortelnetworks.com

KG2NO

----- ___o Timothy J Strong o___
----- '\-<, Nortel Networks ,>-/'
----- (*)/'(*) 97 Humboldt Street (*)'\(*)
----- Rochester, NY 14629 --o---o-o-
----- Summer ----- QRP-L #780 ----- Winter -----

Date: Thu, 20 May 1999 13:49:57 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [40925] Re: Amateur Radio Demo for Cub Scouts
Message-ID: <ab067137.2475a545@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/20/99 8:17:59 AM Pacific Daylight Time,
ccart@phideaux.com writes:

<< I have a brochure from the ARRL web page, but don't want to force feed
them on QRP or the League, just get them interested and let them talk on
the radio a bit. >>

Chris, it sounds like you have the best plan already! just show them how
much fun it is without cramming it down thier throats....with that many kids
going, your bound to get more than a few of them interested. good luck and
keep up the good work!!

73...Adam, N7YA

Date: Thu, 20 May 1999 14:22:36 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [40926] W1VT QRP TTF score
Message-ID: <374452EC.C10384E9@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

SPCs QSO Points
40M = 17 Non-DX: 158*5=790
20M = 34 DX (VE, HP1, G) : 9 x 10=90
15M = 12 Total QSO Points : 880

Total = 63 Multipliers Home = x2
4.2 w to ARRL HQ club stn antennas: dipole @ 40' /yagi @ 60'

138 QSOs in a single 5.4 hour operating period

Final Score 880 QSO pts x 63 SPCs x 2 = 110,880 points

Date: Thu, 20 May 1999 13:40:02 -0500
From: Wes Spence <ac5k@ih2000.net>
To: qrp-1@Lehigh.EDU
Subject: [40927] Re: Mobile CW
Message-ID: <37445702.14F5@ih2000.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use the following:

Ten-Tec Argosy 1 with K1MG DRO
Antennas: Hamsticks with shunt coil underneath them for 1:1 SWR

Hints:

I use one of those CD to Cassette adaptors to play rig audio through stereo system in car (mucho volumn without headphones since I do solo mobile CW)

Those shunt inductors are needed to make the antennas match 50 Ohm cable (remember: most 1/4 wave verticles are not 50 Ohms at resonance)

I cannot copy slow code in my head while CW mobile, so please forgive me if I do not come back to you. I am not rude, but to head copy slow code while driving is impossible for me. (And since I have been licensed for 27 years, that is not likely to change)

72, Wes AC5K/m

Date: Thu, 20 May 1999 12:16:40 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40928] Speakin of mobile!

Message-ID: <37445188.7C51@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Have been enjoying the posts on what you guys use mobile!

Anyone remember the antenna called the "Texas Longhorn?" Was a real monster, sure to get some odd looks from John Q public!

I have a friend that is big into 160 meters. He built the weirdest mobile antenna that I have ever seen. It consisted of a 8' fiberglass pole that was centered in the middle of his truck bed. Guyed to all four corners. In the middle was a coil made of 1/4 inch copper tubing. It was 12 inches in diameter and about 20 inches long! On top of this was his top hat. It consisted of about 40- 1/4 inch brass welding rods joined into a perfectly constructed hat. The top hat was 4 feet in diameter.

As weird as it sounds and looks, this guys mobile signal usually was up to par with the fellows that had a decent antenna at home running barefoot.

Yep, I have a picture of this monster, and I believe the poor fellow was divorced shortly after he put this antenna on his truck!

72, Tom WB5QYT.."Have spud and bug will travel!"

PS: Will be on 14.060 daily from 2145 UTC to 2230 UTC as I head to work. Hope to work some QRP-1 ers!

Date: Thu, 20 May 1999 12:15:58 -0700
From: Wayne Burdick <n6kr@elecrafter.com>
To: elecrafter@qth.net, qrp-1@lehigh.edu
Subject: [40929] thanks for all of your best wishes....
Message-ID: <v03102809b36a0f5dbf70@[206.169.228.198]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Baby daughter Marissa and mom Lillian are doing very well. I'm home for the day, cleaning up, getting ready to bring them back from the hospital tomorrow.

I suspect I'll be "off-line" in a big way for a few days....

73,
Wayne

Date: Thu, 20 May 1999 15:28:49 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Subject: [40930] K1EL Keyer - Hidden Jewel!
Message-ID: <Pine.3.89.9905201500.E23765-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

I just finished building one of K1EL's "K10" keyers. I had an old style "Super CMOS" keyer that I built several years ago that had crapped out and wasn't worth troubleshooting. So I pulled the guts out of it and put in the tiny 1" square K10. The thing works like a champ. It's amazing the functions that can be programmed into one of those tiny PIC chips! Now I have all these empty holes in the case that used to have toggle switches to run functions that are now handled by software. What a bargain at \$8 for the chip and \$2 for the PC board! I bought two of them and haven't decided yet what to do with the second one. Maybe build it into my SST-20, but where do I mount the four message buttons? :-)

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Fri, 21 May 1999 03:30:16 +500
From: Terry Bendell <terryb@bmts.com>
To: <obvious@bestweb.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [40931] Re: Need Updated 2N2/40 Schematic
Message-ID: <199905201931.PAA07760@Alice.BMTS.Com>

MIME-Version: 1.0

On 1999-05-19 obvious@bestweb.net said:

>Terry,
>Which Telco ? I'm a NYNEX (pre-merger with Bell Atlantic) retiree.
>73,
>Dick K2REB

Hi Dick,

Bell Canada (Ontario) and the Canadian Armed forces (Way Way Back) when the military still installed/serviced its own plant. Loved the Job, Hated the work! :^)

In those days we identified the polarity of tip and ring with a 45 volt Battery and an earpiece. Darn near lost my hearing listening to "Clicks"

73...

Terry

terryb@bmts.com

Net-Tamer V 1.11.2 - Test Drive

Date: Thu, 20 May 1999 15:40:57 -0500
From: Randy Randall <RANDALLR@Healthall.com>
To: wb5qyt@eFortress.com, qrp-1@Lehigh.EDU
Subject: [40932] Re: Speakin of mobile!
Message-ID: <s7442d62.052@Healthall.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

Could you put a copy of the picture somewhere? I'd sure like to see it!

Randy.

Randy E. Randall
Network Engineer
The Health Alliance of Greater Cincinnati
3200 Burnet Ave. Room 4618
Cincinnati, Ohio 45229

Ph. 513-585-7146
E-mail randallr@healthall.com

>>> tom whalen <wb5qyt@eFortress.com> 05/20 1:16 PM >>>
Gang,

I have a friend that is big into 160 meters. He built the weirdest
mobile antenna that I have ever seen.

"SNIP"

Yep, I have a picture of this monster, and I believe the poor fellow was
divorced shortly after he put this antenna on his truck!

72, Tom WB5QYT.. "Have spud and bug will travel!"

PS: Will be on 14.060 daily from 2145 UTC to 2230 UTC as I head to work.
Hope to work some QRP-1 ers!

!

!

Date: Thu, 20 May 1999 16:08:22 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40933] Re: Speakin of mobile!
Message-ID: <Pine.LNX.4.04.9905201559470.11589-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 20 May 1999, tom whalen wrote:

> Yep, I have a picture of this monster, and I believe the poor fellow was
> divorced shortly after he put this antenna on his truck!

That's why my XYL (an EE) and I have seperate trucks :) Generally we
take mine on trips so I have my "toys" with me, but we take hers if
someone might "see" us. I got told up front, "No 'tennas on her truck!".
And no she doesn't want a license, she tolerates my hobby/obcession just
fine, thank you. She actually *likes* me to go to field events so she can
"clean-up" the house, shack included :(You didn't think it could be
perfect didja?

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --

-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Thu, 20 May 1999 16:09:05 -0400
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: qrp-l@Lehigh.EDU
Subject: [40934] Re: Mobile CW
Message-ID: <37446BE1.D9D84EA@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I use a IC-706 and a hamstick. But when I get the time to finish it I
will
be using a screwdriver antenna.

I am on 30 meters during the commute times but I like 40 m better but I
either
lost or somebody ripped off my 40 m hamstick...

BTW, about 8 out of the last ten QSOs have been with QRP stations.

73,

Tom, kv2x/m

Date: Thu, 20 May 1999 16:15:30 -0400
From: sergio <sruiz@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40935] hamsticks..
Message-ID: <37446D62.A48AFE47@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

does anyone have a link to more info on these beasts? i am curious...

--

peace,

sergio
<http://www.bright.net/~sruiz>
"the village buzz"

Date: Thu, 20 May 1999 16:23:54 EDT
From: K2UD@aol.com
To: qrp-l@lehigh.edu
Subject: [40936] Re: at least ignorance can be cured...
Message-ID: <ddeac49a.2475c95a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This question was posed a few months ago on the list, with it's host of "my answer is more correct than yours" explanations.

Wire one up both ways, find out which one you like best. You will find the correct answer that way!

I have a preference, but it is my personal preference. I feel it is "standard", but 50% of hams will disagree. Well, works for me!

72 es gl

Howard Kraus, K2UD

Date: Thu, 20 May 1999 15:20:47 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [40937] QRP-L CDs, HamCom, Fry's, etc....
Message-ID: <3.0.3.32.19990520152047.0068745c@pop3.ticnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

OK, this is a second attempt at this..... :-) Saved a file but could not include it in the body of the message or I'm doing something stupid as usual. Help menus don't really help that much do they?? :-)

1. The QRP-L CDs Version 2.0 are in the mail to the volunteers that will be making copies to distribute the load. Hopefully they will get a chance to setup and test my work before we commit to shipping them shortly. Plan is that they each will announce when they are ready to go and you have two choices:
 - a: You send them the blank CD, mailers, postage, labeled mailer, etc. In fact, please remove the shrink wrap on the CD. This will save them hours over the long run. :-) They will burn the CD and pop it back into the return mailer you provide and all is done.
 - b: If you live where you don't have ready access to places like Fry's, etc. then you can just send in \$10 and they do all the work, but you can speed up the process by also including a mailing address label. I found that 50% of the previous work that I did on version 1.0 the people that paid \$10 did not include a label and that takes time. I know it's not much but it does add up....

Again the QRP-L CD Archive program is a not for profit project but we all have overhead on gas, etc. In fact, I use a Smart and Friendly burner in my PC. I see at

<http://www.smartandfriendly.com/>

they have an internal CD burner for \$156. I think it is an older model but hey, what the heck..... I can tell you that after you get one you will give up floppies and tapes forever....

Again, the volunteers will post their Name, Adr, email address, and additional info for the project. Please use them and not me as they need the work and I do not. :-) The DX guys and gals will have a source in Germany and Spain right now.

2. For those of you coming to HamCom. The Arlington area has a Fry's Electronics close by, so if you get some extra time you may wanna check them out. They have the Oregon Scientific WWV receiver normally \$29.95 on sale (at least they did at the Dallas store for their one year anniversary) for \$19.95.
3. CW test at HamCom this year will be plain text starting at 15wpm in increments of 5wpm. I also have a 3 minute surprise at the

start at 18wpm. :-) No other hints, but a nice prize.....
So be sure to bring a pen and pad and I'll bring paper. If you
use a laptop bring a floppy for me to check your copy. At above
50wpm we can arrange for you to use headphones if you bring them.
Let me know in advance, please. We'll do it offline afterwards
and/or Saturday night.

4. Jay Bromley, W5JAY, will be bringing some of the new kits that he
has. I've seen it and they will be popular. I have another one
that I'm working on for him that he doesn't know about.... :-)
All this at HamCom and I'm sure the QRP-L gang will hear about
it the same day....
5. Also if you are coming to Dallas early, we can give you directions
to Jim Tanner's Electronics - a must visit while you are here if
you need any parts/etc. at all. Beltline and Stemmons if you know
the Dallas area. <http://www.tannerelectronics.com/> I think is still
their URL, but don't quote me on it.....

OK, back to the vanity call program for K6KID. :-)

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

Date: Thu, 20 May 1999 09:26:58 +0100
From: "Graham Firth" <Graham.Firth@BTinternet.com>
To: "GQRP list" <gqrp@onelist.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "John Leak" <G0bxo@BTinternet.com>, "Bill Kelsey" <kanga@bright.net>, "Michael
Sheffield" <z11labs@extra.co.nz>
Subject: [40938] Sprat 99
Message-ID: <001d01bea2ff\$b0a33a00\$02010080@graham>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi

I shall be sending Sprat 99 and the mailing labels for it to the printer in one
week!!!!!!!!!!

There are some 400 ex-members who have still not renewed their subs and will not receive this wonderful edition. (I admit to bias as I have had a (small) hand in its production as G3RJV is away on study leave!)

All Dayton renewals have been taken into account!

Check your last Sprat label and if it did not have 99 (or 2000, 2001 etc) in the top right, and you have not already renewed recently, then you will not receive this edition. If you are one of these, mail your cheque (check!) immediately to:

UK members to John, G0BX0

North American members to Bill, N8ET

NZ members to Mike, ZL1ABS

For Europe:

Germany - Rudi, DK4UH

The Netherlands - Peter PE1MHO

Belgium - Rene, ON4KAR

Austria - Johann OE6JAD

France - F50Q0

Their addresses are in Sprat 97

Credit cards renewals can be sent to John G0BX0. If you trust e-mail, his address

is G0BX0@BTInternet.com

Sprat 99 contents:

Rochdale Convention '99

160m AM transmitter

'Penning' crystals

VX0 for 136kHz

Finishing front panels

Stereo filter

CMOS switched superhet

Parking lot vertical

GQ-Plus (part 2)

CMOS mixer experiments

and all the usual news columns.

72/3

Graham

G3MFJ/W3MFJ

Date: Thu, 20 May 1999 16:31:43 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [40939] Re: K2 at Rochester?
Message-ID: <14433c3.2475cb2f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Myself and my work partner/QRP'er K2SH make a yearly ritual of Rochester, only being a small piece down the road.

We plan on camping Thursday to Saturday, and operating QRP with all manner of rigs, but no K2. He is still waiting for his!

Look for us in the 28' (I think) white and blue trailer with Suburban for the locomotive. Should be near an SLV or 33' vertical.

Howard Kraus, K2UD

Date: Thu, 20 May 1999 20:30:12 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [40940] Re: Mobile Setup
Message-ID: <19990520.203033.4318.5.wd3p@juno.com>

The main mobile rig is TS 50s with ALC control for QRP. I have also used the Sierra and the SST mobile
Keyer is the Bencher with the keyer that fits over the paddle base.

The Ant. depend on the situation.

For a quick set up it's the Outbacker Perth

Second is the Hustler with the spider mount on top for multiple bands.

Third is a county hunter special. It is similar to the Hustler. The base comes in 3 ft sections. I can put on up to three sections. There is then a top mount which allows up to four resonators to be mounted horizontally.

All work like a charm.

73 de Larry.....WD3P in MD

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 May 1999 16:35:16 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: qrp-l@lehigh.edu
Subject: [40941] Re: Mobile CW
Message-ID: <DE00EC7EAB0ED311971B00A0C9B426B603A972@exchangetemp.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

OK I just on the bandwagon too.

I have been running mobile CW QRP for several years now and still loving it
:-)

I started with my HW-8 and a 40m Hamstick and made many contacts. However,
I had lots of engine noise and a DC receiver is not the way to go while
mobile - Phew!

Next, I bought a 30m Hamstick and built my SW-30 for out first QRP-L TMPS
that Chuck initiated a few years ago. I had a ball. After that summer, I
pumped up my SW-30 to 2 Watts and kept on making Q's and several DX contacts
as well (I love that little rig). I still use the SW-30 in the shack at
night - BTW.

The next step was to get a rig in the car that has a speaker instead of the
earbud I had been using. I built my NW-40 which is very hot on receive and
drives a speaker to fill a ballroom with CW sounds. Back on the 40m
Hamstick I make loads of contacts (local and DX) on 40m. I've even worked
a fox or two from the car. I do experience some engine noise with the NW-40
because of it's sensitivity, but it hasn't stopped me from having fun.

I now bounce between my "38 Special" and the NW-40 and switch to either of
my Hamsticks. This give me 5 Watts out on each band. Only the NW-40 drives
a speaker so it is still my rig of choice for the car. I can always use an
ear bud if the XYL were with me, but she rarely sets foot in my HamMobile
:-) Ah - sanctuary!

I use a strap mount on the bumper of my '87 Celebrity (before all these
totally plastic bumpers). I added additional grounding from the braid bolt
to an chassis bolt under the rear-end. I put a 500pF cap across the feed
point bolts on the mount. This value works for both 30 and 40 meters. I
did have to add about 6" of wire to the top of the stinger on my 40 meter

"stick" to get the SWR lowest at 7.040 MHz. The 30 meter "stick" was able to tune well with the existing length of the stinger end.

So there you have it. Get out there and have fun guys. There's plenty of ways to enjoy CW and QRP - No excuses!

72,
Nick - kf2ph . .
QRP-L # 13

--
Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Thu, 20 May 1999 16:39:35 -0400
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>
Subject: [40942] Re: Speakin of mobile!
Message-ID: <00f201bea300\$e05ef6c0\$1606b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>She actually *likes* me to go to field events so she can "clean-up" the house, >shack included

Chris, my XYL is LICENSED and she still DEMANDS that I to go to Field Day, and she wants our 20-year-old daughter (KB2KIV) to go with me, also to clean the WHOLE house. My XYL has an Advanced Class license, and does her share of operating (REALLY). She even makes the "obligatory" appearance at FD (and OPERATES), so go figure.....

73,
Dick K2REB

Date: Thu, 20 May 1999 15:34:36 -0500
From: "Tom Moll" <tomm@xata.com>
To: <qrp-l@lehigh.edu>
Subject: [40943] Ten Tec Pegasus
Message-ID: <000201bea300\$2dafb550\$4baa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Pegasus looks very interesting. Does anyone have knowledge of the features of the software supplied with it? Also, I wonder if this will be a "closed" architecture, or if there will be an SDK for developers? It would really be attractive if both the serial interface protocol and the DSP were open to third party developers to be able to extend the functionality of this. This could give digital mode use and experimentation a real boost ! I think I see one of these in my future already. Does anyone have any additional inside scoop on this box and its software? Are they taking orders yet?
Tom Moll N0BS

Date: Fri, 21 May 1999 06:48:30 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40944] Site to visit
Message-ID: <3744751D.1D35F964@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Here is a site well worth visiting. I send my grand-children there on occasion for projects.

<http://www.howstuffworks.com>

Better still, offer to make a contribution from your particular field of expertise. Share your skills/knowledge with the world and educate a new generation.

Sign up for email updates.

73's

Ian

Date: Thu, 20 May 1999 14:12:02 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [40945] HamCom Prize Update
Message-ID: <01bea305\$68b4dcc0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, the prizes keep coming in for the Regen Building Contest at Hamcom on June 11, 12 & 13 in Arlington, TX at the Convention Center. The Regen building contest judging will be one of the highlights of the QRP Open House to be held in Conference Room B of the Courtyard by Marriott Hotel in Arlington Saturday night from 7 to midnight. I was on the phone today with Richard Stubbs of MFJ, getting permission to publish an article on the MFJ 8100K Regen Kit in the Summer issue of QRPp, which by the way, if you haven't guessed by now, will be a regen special issue, grin. Anyway, Richard also graciously donated an MFJ 8100K Regen kit to the HamCom Regen Building Contest on behalf of MFJ. So that one goes on the list of prizes, along with Doug Hauff of San Luis Machine donating a case kit for the DSW and the Blue Sky Engineering Digital Clock Counter kit. The TiCK keyer guys, Brad and Gary are sending along a couple of Embedded Research kits, and Jay Bromley and Kelsey Mikel of the Ft. Smith QRP Group have donated 2 of their "mystery kits". I say mystery, because even though I know what they are, I can't tell you yet. Also, the St. Louis QRP Group have donated 6 Audio Amplifier kits. Thanks to all of the above for their generous donations.

*NorCal 20 kit - NorCal
*NorCal 20 Anodized Case - San Luis Machine
* Prize to be awarded to drawing from preregistered attendees
Digital Small Wonders Labs kit - ARCI
 plus special anodized case from Doug Hauff at San Luis Machine
Red Hot Radio 20 or 40 kit - Red Hot Radio
W6MMA SLV 40 meter antenna kit - Vern Wright, W6MMA
3 copies of the Handbook for QRPers and Homebrewers, Paul Harden, NA5N
2 NJ Fireball Kits (two fully-loaded Fireball 40 QRPp transceiver kits
(includes 1.5W amp and TiCK keyer options). - NJ QRP Club

2 Atlanticon T-Shirts with Fireball Schematic on back - NJ QRP Club
3 copies of 1998 QRPp Back Issues - NorCal
3 NorCal Log Books - NorCal
3 Elmer 101 Issues of QRPp - NA5N
1 NorCal T-Shirt - Jerry Parker, WA6OWR
1 NorCal Zombie T-Shirt - Jerry Parker, WA6OWR
1 NorCal Resistor Kit - NorCal
1 NorCal Capacitor Kit - NorCal
1 Tuna Tin 2 kit - NorTex
1 Digital Counter/Clock kit from Blue Sky Engineering
plus case from San Luis Machine
1 8100K Regen Receiver Kit from MFJ
6 Audio Amplifier kits from St. Louis QRP Club
2 "Mystery kits" from Ft. Smith QRP Group
2 Embedded Research kits from Gary Diana and Brad Mitchell of Embedded Research.

That's 35 prizes guys!! The odds are pretty good, as so far we have 81 signed up to attend as preregistered QRPers. Dave Fifield, Mike Gipe (maybe) and I will be flying out of San Jose on Friday, June 11th and head for Albuquerque, where we will be treated to a tour of Jim Duffey's work place, be joined by Paul Harden, NA5N, Tim Pettibone, K5OI and Jim for dinner, and then all of us will fly to Dallas and get in there about 10:30 local time. What an honor it will be to get to travel with all of these familiar names from qrp-l. That should be one interesting plane ride.

The QRP Forum Speaker lineup may be a first. I think that this is the first QRP Forum where every speaker will be a QRP Hall of Famer. George Dobbs, Doug Hendricks, Chuck Adams and Paul Harden. Joe Spencer has done an outstanding job of lining up interesting talks, and it should be a lot of fun. George is going to talk about home construction and I am sure that he will be pleased to see the "manhattan" style construction projectes that are sure to be there. I will "rate" the QRP CW Transceiver kits, and give reasons why I place them in their particular order. Chuck has prepared a CD that gives a CW code test, and he will give a code proficiency test and will do it all with a CD player!! Paul will finish the forums with one of his famous tutorials, as he will use a Regen schematic to teach basic electronics.

All of these activities are sponsored by the NorTex QRP club, with Joe and Barbara Spencer and Doc Drake heading up the HamCom QRP Forum committee. You will know the QRPers at HamCom by the special HamCom QRP Badges that they will be wearing. If you are coming to Hamcom and would like to have one, absolutely free, just send me an email with "Hamcom Badge" in the subject line and I will make one up for you. It is a 10 mil heavy duty laminated badge that is numbered and will have your name and call on it. It comes complete with a snap to easily attach to your shirt pocket. The best way to describe it is that it is one of the ID type badges that they use on

military bases and at Silicon Valley companies.

See you in Texas in June. 72, Doug, KI6DS

Date: Thu, 20 May 1999 17:39:54 -0400
From: w4du@bellsouth.net
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [40946] WTB 49er
Message-ID: <3744812A.AFC8EB1E@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Wanted to buy - a 49er. Board or assembled. Contact me direct.
Ken
W4DU

Date: Thu, 20 May 1999 14:40:16 -0700
From: "Radman" <radman@best.com>
To: <sruiz@bright.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40947] Re: hamsticks..
Message-ID: <199905202138.0AA21800@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sergio et al,

For the scoop on Ham Sticks (R) -- surf over to:
<http://www.hamstick.com/>

I've used them for a lot of mobile & car/portable work -- they're quite effective on 20m and up. They're inexpensive (\$20 per band), light-weight and easy to transport by airplane, etc. On 80 & 40m the Hustlers, Screwdrivers, Bug-Catchers, etc will typically outperform them by a considerable margin, tho'. While on travel, I've mounted them many times on the roofs of rental cars and used them with my TS-50 -- simply requires a *large/powerful*

magmount, and you're good to go!

Here's a brief abstract on Ham Sticks (R) courtesy of the Lakeview Company:

These two-piece MONOBAND ANTENNAS consist of a hollow fiberglass base section approximately 1/2 inch diameter with the loading coil wound directly on the fiberglass and covered with PVC shrink tubing. The plated brass base fitting has 3/8 inch X 24 TIP male threads that fit most amateur mobile mounts. The top section is a tapered 17-7 PH tempered Stainless Steel whip that telescopes into the base section for frequency adjustment. It is secured by two set screws.

Have fun es 72,

Conrad - NN6CW

Subject: hamsticks..

Date: Thursday, May 20, 1999 1:15 PM

does anyone have a link to more info on these beasts? i am curious...

peace,
sergio

Date: Thu, 20 May 1999 15:09:06 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [40948] And more HamCom Prizes!!
Message-ID: <01bea30d\$610d0c60\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I forgot to include the 3 Pixie transceiver kits from Dave Joseph, WA6BOY, who is the designer of the Pixie, from HSC Electronics, and Joe Spencer emailed me the following additions:

2 "Ask me about QRP" T-shirts from Barbara KK5QA
1 subscription to World Radio Magazine from Richard Fisher KI6SN
1 QRP ARCI Hat, 1 cup, 1 mousepad, pins from Hank Kohl K8DD QRP ARCI

Thanks, Doug, KI6DS

Date: Thu, 20 May 1999 15:02:42 -0700
From: "M. Monninger" <markem@primenet.com>
To: qrp-l@lehigh.edu
Subject: [40949] Re: Speakin of mobile!
Message-ID: <3.0.6.32.19990520150242.00840590@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I recently acquired an HTX-100 to put in my truck to use during my commute. With 10M opening up I hope to snag some DX. I'm using a 10M Hamstick and found a real clean way to mount the antenna. My Ranger has stake pockets in the bed walls and I have often thought that they could be used to mount an antenna. Well, I saw an ad in QST for an outfit that makes that very thing. I ordered one and it works real well. A nice clean sturdy mount with no visible holes. Also, it gets the antenna up in the clear. You gotta have stake pockets, tho. Check it out at <http://www.geotool.com>

No connection with Geotool, just a customer, yadda, yadda, yadda...

See you on 10 (23:00 - 23:45 UTC + or -)...

73.... Mark AA7TA

Date: Thu, 20 May 1999 18:20:55 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [40950] ant question: looking for moral support
Message-ID: <19990520.182056.-196887.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

high gang:

well I just worked om1la Jozef in Bratis Lativa....

does this mean that my thirty meter ant is working?... he's an s7 on the qrp+ here and he gave me a 559... gee it's nice to be back on cw....

The backside of the antenna is now facing the lower 47 states and stations that were way over s9 on forty meters do good to hit an s7 now...

On thirty I have worked the uk, germany, and now lativa... are conditions for dx so so or is my antenna doing good and I just don't know it...

I haven't heard anything on forty yet... maybe I just haven't been on at the right time...

all encouragement welcomed... it is a real effort to turn this antenna :-)) with it's "Baton Rouge" (a real capital idea) and jumbalia of wires/ropes...

joel kella
in maine...

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 20 May 1999 16:26:36 -0500
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: markem@primenet.com
Cc: qrp-l@lehigh.edu
Subject: [40951] Re: Speakin of mobile!
Message-ID: <3.0.6.32.19990520162636.007b2b60@cnmailsvr.nmsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I second Mark's comments. I got one of the stake mounts and use it for my screwdriver antenna. The screwdriver doesn't work quite right yet but it's a case of needing to bond some more body panels and tweaking. The mount appears very sturdy and holds up quite well with the heavy screwdriver mounted with the vehicle moving along at 70 + MPH. The website is:

<http://www.geotool.com>

and the owner is a ham who was quite helpful to me when I was ordering.

Tim K5OI
Las Cruces, NM

>... Well, I saw an ad in QST for an outfit that makes that very thing.

>I ordered one and it works real well. A nice clean sturdy mount with no
>visible holes. Also, it gets the antenna up in the clear. You gotta have
>stake pockets, tho. ...

>

>73.... Mark AA7TA

>

>

End of QRP-L Digest 1463
